

SCIENCE & TECHNOLOGY (GENERAL KNOWLEDGE)

Subject wise Sample Questions with Answers
For Banking, SSC, General Competition, Jobs and other Job oriented
Entrance Exams.
Updated with Latest Syllabus.



PARTNERS

Science Technology Set-1

Q.1: Which team won the 59th edition of the junior boys Subroto Cup International Football Tournament?

- A. Air Force Bal Bharati School, New Delhi
- B. Bangladesh Krida Shiksha Prothishtan
- C. Amini School, Afghanistan
- D. Butwal Elite English School, Butwal

Answer: Option B

Q.2: This country developed BeiDou Navigation Satellite System (BDS) constellation with the successful launch of 2 more satellites.

- A. Japan
- B. China
- C. South Korea
- D. Russia

Answer: Option B

Q.3: The new definition of Kilogram will be replaced by which of the following?

- A. Planck constant
- B. Boltzmann constant
- C. Faraday constant
- D. Stefan-Boltzmann constant

Answer: Option A

Q.4: The 0.7 m GROWTH-India telescope made its first observation which is a follow-up study of a nova explosion. It was located in _____.

- A. Hanle, Ladakh
- B. Nubra, Ladakh
- C. Khajjiar, Himachal Pradesh
- D. Pathankot, Punjab

Answer: Option A

Q.5: Which country has built an 'artificial sun' that reaches 6 times the temperature of Sun?

- A. China
- B. United States

Science Technology Set-1

- C. Russia
- D. France

Answer: Option A

Q.6: Astronomers recently found a 'cold super-Earth'. The planet has been labeled _____.

- A. Barnard's Star e
- B. Barnard's Star g
- C. Barnard's Star b
- D. Barnard's Star d

Answer: Option C

Q.7: The communication satellite which was successfully launched by ISRO recently?

- A. GSAT-29
- B. GSAT-29A
- C. GSAT 6A
- D. INSAT-4E

Answer: Option A

Q.8: Who has taken its first step towards its mid-2023-planned mission to Venus?

- A. JAXA
- B. SpaceX
- C. ISRO
- D. NASA

Answer: Option C

Q.9: Name of the NASA's space instrument that will travel with the Lucy mission to Jupiter's Trojan asteroids, in 2021.

- A. Ralph
- B. Delfino
- C. MaxR
- D. Rhino

Answer: Option A

Q.10: Which of the following technology will be used in ICC Women's T20 tournament for the first time?

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- A. Speed Gun
- B. Snickometer
- C. DRS
- D. Hawk Eye

Answer: Option C

Q.11: Which of the following satellite is used for faster Internet connectivity?

- A. GSAT-11
- B. GSAT-12
- C. GSAT-13
- D. GSAT-14

Answer: Option A

Q.12: Name the Artificial Intelligence (AI) bot that has been taught by researchers to identify galaxies in deep space.

- A. DotSpot
- B. ClaRAN
- C. DeTECT
- D. Laura

Answer: Option B

Q.13: The spacecraft that orbited the two largest objects in the asteroid belt completed its mission is;

- A. Dawn
- B. Galileo
- C. Rosetta
- D. Orian

Answer: Option A

Q.14: Which of these sets a record with 'supersonic' parachute for Mars 2020 mission?

- A. ESA
- B. ISRO
- C. NASA
- D. JAXA

Answer: Option C

Science Technology **Set-1**

Q.15: Which spacecraft became the closest spacecraft ever to the Sun recently?

- A. NASA's Parker Solar Probe
- B. NASA's Hubble Telescope
- C. NASA's Keppler Telescope
- D. China's Chang Telescope

Answer: Option A

Q.16: A Japanese rocket lifted off the United Arab Emirates first locally made satellite, the KhalifaSat Earth observation satellite, into orbit. The name of the rocket is;

- A. Sakigake
- B. M-V rocket
- C. Ohsumi
- D. H2A

Answer: Option D

Q.17: NASA names 21 gamma-ray constellations to celebrate its Fermi Gamma-ray Space Telescope's 10th year of operations. It is named as;

- A. Hulk and Godzilla
- B. Spider-Man and Venom
- C. Loki and Ultron
- D. Mothra and Rodan

Answer: Option A

Q.18: Soyuz-2.1B rocket is successfully launched by which country?

- A. Italy
- B. US
- C. China
- D. Russia

Answer: Option D

Q.19: The researchers from this country developed a skin gel to protect farmers from pesticides.

- A. China
- B. India
- C. US

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D. Canada

Answer: Option B

Q.20: The scientists of which space agency have found superflares flares from the Young Red Dwarf Stars imperiling planets?

- A. ISRO
- B. JAXA
- C. NASA
- D. Roscosmos

Answer: Option C

Q.21: Which of the following NASA's telescope completed its 10 years of mission recently?

- A. Fermi Gamma-ray Space Telescope
- B. Femto Gamma-ray Space Telescope
- C. Nano Gamma-ray Space Telescope
- D. Pico Gamma-ray Space Telescope

Answer: Option A

Q.22: This country has successfully tested world's largest unmanned transport drone "FH-98"?

- A. Germany
- B. Russia
- C. China
- D. India

Answer: Option C

Q.23: This country is working on creating an artificial moon.

- A. India
- B. US
- C. China
- D. Canada

Answer: Option C

Q.24: Name the galaxy proto-supercluster discovered by scientists at the European Southern Observatory (ESO).

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- A. Hyperloop
- B. Hyperion
- C. Marsel
- D. Bruno

Answer: Option B

Q.25: How many BeiDou-3 navigation satellites has been launched by China on 15 October 2018?

- A. 2
- B. 4
- C. 5
- D. 6

Answer: Option A

Q.26: Which country scientists created a 3D-printed meals?

- A. British
- B. Poland
- C. Netherlands
- D. Belgium

Answer: Option A

Q.27: What type of blood test is to be introduced by Abbott for early prediction of heart attack?

- A. Smart ECG
- B. Troponin-I blood test
- C. CK-MB tests
- D. Serum myoglobin tests

Answer: Option B

Q.28: India's maiden interplanetary mission which has completed four years orbiting around the red planet is;

- A. NISAR
- B. RISAT
- C. MOM
- D. ASTROSAT

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Answer: Option C

Q.29: Which Space agency landed the world's first moving, robotic observation of an asteroid surface?

- A. JAXA
- B. NASA
- C. ISRO
- D. CNSA

Answer: Option A

Q.30: Name the NASA's satellite that has discovered two new Earth-like planets named super-Earth and hot Earth.

- A. Pioneer 10 Space Survey Satellite (PSSS)
- B. Kepler Observation Satellite (KOS)
- C. Spitzer Space Telescope (SST)
- D. Transiting Exoplanet Survey Satellite (TESS)

Answer: Option D

Q.31: ISRO has recently launched Polarimetry Doppler Weather Radar of which frequency band at Sriharikota spaceport?

- A. K-band
- B. C-band
- C. X-band
- D. S-band

Answer: Option D

Q.32: ISRO successfully launched PSLV C 42 with two British earth observation satellites NovaSAR and S1-4 from which space centre?

- A. Satish Dhawan Space Centre (SDSC-SHAR), Sriharikota
- B. ISRO Satellite Centre (ISAC), Bangalore
- C. Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram
- D. Indian Institute of Remote Sensing (IIRS), Dehradun

Answer: Option A

Q.33: BARC has recently re-commissioned an upgraded version of which nuclear reactor?

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- A. Dhruva
- B. Apsara
- C. Purnima
- D. Zerlina

Answer: Option B

Q.34: The researchers from this institute have developed cheaper organic solar cells using vitamin B12 derivative, recently.

- A. IISER Pune
- B. IIITM Gwalior
- C. IISER Bhopal
- D. IISc Bangalore

Answer: Option C

Q.35: This country launched a new marine satellite HY-1C on Long March-2C rocket for surveying climate change, recently.

- A. China
- B. India
- C. Russia
- D. US

Answer: Option A

Q.36: This country recently developed a space elevator and will conduct a first trial in September.

- A. France
- B. UK
- C. US
- D. Japan

Answer: Option D

Q.37: Which country has recently announced to launch Mars Mission "HOPE" by 2020?

- A. Oman
- B. UAE
- C. Iran
- D. Israel

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Answer: Option B

Q.38: Indian Space Research Organisation (ISRO) is gearing to conduct how many missions for the next 7 months?

- A. 19
- B. 15
- C. 17
- D. 21

Answer: Option A

Q.39: Who plans to launch the laser instrument to measure the changes in the heights of Earth's polar ice?

- A. USGS
- B. ISRO
- C. NASA
- D. Jet Propulsion Laboratory

Answer: Option C

Q.40: Researchers from this country developed a new technique to detect early-stage cancer tumour cells in the blood through malaria protein VAR2CSA.

- A. Russia
- B. China
- C. Japan
- D. Australia

Answer: Option D

Q.41: In which decade was the American Institute of Electrical Engineers (AIEE) founded?

- A. 1850s
- B. 1880s
- C. 1930s
- D. 1950s

Answer: Option B

Q.42: What is part of a database that holds only one type of information?

- A. Report

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- B. Field
- C. Record
- D. File

Answer: Option B

Q.43: 'OS' computer abbreviation usually means ?

- A. Order of Significance
- B. Open Software
- C. Operating System
- D. Optical Sensor

Answer: Option C

Q.44: In which decade with the first transatlantic radio broadcast occur?

- A. 1850s
- B. 1860s
- C. 1870s
- D. 1900s

Answer: Option D

Q.45: '.MOV' extension refers usually to what kind of file?

- A. Image file
- B. Animation/movie file
- C. Audio file
- D. MS Office document

Answer: Option B

Q.46: In which decade was the SPICE simulator introduced?

- A. 1950s
- B. 1960s
- C. 1970s
- D. 1980s

Answer: Option C

Q.47: Most modern TV's draw power even if turned off. The circuit the power is used in does what function?

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- A. Sound
- B. Remote control
- C. Color balance
- D. High voltage

Answer: Option B

Q.48: Which is a type of Electrically-Erasable Programmable Read-Only Memory?

- A. Flash
- B. Flange
- C. Fury
- D. FRAM

Answer: Option A

Q.49: The purpose of choke in tube light is?

- A. To decrease the current
- B. To increase the current
- C. To decrease the voltage momentarily
- D. To increase the voltage momentarily

Answer: Option D

Q.50: '.MPG' extension refers usually to what kind of file?

- A. WordPerfect Document file
- B. MS Office document
- C. Animation/movie file
- D. Image file

Answer: Option C

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Science Technology **Set-2**

Q.1: Who is largely responsible for breaking the German Enigma codes, created a test that provided a foundation for artificial intelligence?

- A. Alan Turing
- B. Jeff Bezos
- C. George Boole
- D. Charles Babbage

Answer Option A

Q.2: Who developed Yahoo?

- A. Dennis Ritchie & Ken Thompson
- B. David Filo & Jerry Yang
- C. Vint Cerf & Robert Kahn
- D. Steve Case & Jeff Bezos

Answer Option B

Q.3: Made from a variety of materials, such as carbon, which inhibits the flow of current...?

- A. Choke
- B. Inductor
- C. Resistor
- D. Capacitor

Answer Option C

Q.4: The most common format for a home video recorder is VHS. VHS stands for...?

- A. Video Home System
- B. Very high speed
- C. Video horizontal standard
- D. Voltage house standard

Answer Option A

Q.5: What does VVVF stand for?

- A. Variant Voltage Vile Frequency
- B. Variable Velocity Variable Fun
- C. Very Very Vicious Frequency
- D. Variable Voltage Variable Frequency

Science Technology Set-2

Answer Option D

Q.6: What frequency range is the High Frequency band?

- A. 100 kHz
- B. 1 GHz
- C. 30 to 300 MHz
- D. 3 to 30 MHz

Answer Option D

Q.7: The first step to getting output from a laser is to excite an active medium. What is this process called?

- A. Pumping
- B. Exciting
- C. Priming
- D. Raising

Answer Option A

Q.8: What is the relationship between resistivity r and conductivity s ?

- A. $R = s^2$
- B. $R = s$
- C. $R > s$
- D. $R = 1/s$

Answer Option D

Q.9: Which motor is NOT suitable for use as a DC machine?

- A. Permanent magnet motor
- B. Series motor
- C. Squirrel cage motor
- D. Synchronous motor

Answer Option C

Q.10: A given signal's second harmonic is twice the given signal's _____ frequency...?

- A. Fourier
- B. Foundation
- C. Fundamental

Science Technology **Set-2**

D. Field

Answer Option C

Q.11: In which year was MIDI (Musical Instrument Digital Interface) introduced?

- A. 1987
- B. 1983
- C. 1973
- D. 1977

Answer Option B

Q.12: What does the term PLC stand for?

- A. Programmable Lift Computer
- B. Program List Control
- C. Programmable Logic Controller
- D. Piezo Lamp Connector

Answer Option C

Q.13: When measuring the characteristics of a small-signal amplifier, say for a radio receiver, one might be concerned with its "Noise..."?

- A. Fundamental
- B. Fall
- C. Force
- D. Figure

Answer Option D

Q.14: 'DB' computer abbreviation usually means?

- A. Database
- B. Double Byte
- C. Data Block
- D. Driver Boot

Answer Option A

Q.15: '.INI' extension refers usually to what kind of file?

- A. Image file
- B. System file

Science Technology **Set-2**

- C. Hypertext related file
- D. Image Color Matching Profile file

Answer Option B

Q.16: The sampling rate, (how many samples per second are stored) for a CD is...?

- A. 48.4 kHz
- B. 22,050 Hz
- C. 44.1 kHz
- D. 48 kHz

Answer Option C

Q.17: Who created Pretty Good Privacy (PGP)?

- A. Phil Zimmermann
- B. Tim Berners-Lee
- C. Marc Andreessen
- D. Ken Thompson

Answer Option A

Q.18: What do we call a network whose elements may be separated by some distance? It usually involves two or more small networks and dedicated high-speed telephone lines.

- A. URL (Universal Resource Locator)
- B. LAN (Local Area Network)
- C. WAN (Wide Area Network)
- D. World Wide Web

Answer Option C

Q.19: After the first photons of light are produced, which process is responsible for amplification of the light?

- A. Blackbody radiation
- B. Stimulated emission
- C. Planck's radiation
- D. Einstein oscillation

Answer Option B

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Q.20: Which is NOT an acceptable method of distributing small power outlets throughout an open plan office area?

- A. Power Poles
- B. Power Skirting
- C. Flush Floor Ducting
- D. Extension Cords

Answer Option D

Q.21: Sometimes computers and cache registers in a foodmart are connected to a UPS system. What do UPS mean?

- A. United Parcel Service
- B. Uniform Product Support
- C. Under Paneling Storage
- D. Uninterruptable Power Supply

Answer Option D

Q.22: Who co-founded Hotmail in 1996 and then sold the company to Microsoft?

- A. Shawn Fanning
- B. Ada Byron Lovelace
- C. Sabeer Bhatia
- D. Ray Tomlinson

Answer Option C

Q.23: '.TMP' extension refers usually to what kind of file?

- A. Compressed Archive file
- B. Image file
- C. Temporary file
- D. Audio file

Answer Option C

Q.24: In the UK, what type of installation requires a fireman's switch?

- A. Neon Lighting
- B. High Pressure Sodium Lighting
- C. Water Features
- D. Hotel Rooms

Science Technology **Set-2**

Answer Option A

Q.25: The electromagnetic coils on the neck of the picture tube or tubes which pull the electron beam from side to side and up and down are called a...?

- A. Transformer
- B. Yoke
- C. Capacitor
- D. Diode

Answer Option B

Q.26: In the United States the television broadcast standard is...?

- A. PAL
- B. NTSC
- C. SECAM
- D. RGB

Answer Option B

Q.27: In a color television set using a picture tube a high voltage is used to accelerate electron beams to light the screen. That voltage is about...?

- A. 500 volts
- B. 5 thousand volts
- C. 25 thousand volts
- D. 100 thousand volts

Answer Option C

Q.27: The transformer that develops the high voltage in a home television is commonly called a...?

- A. Tesla coil
- B. Flyback
- C. Yoke
- D. Van de Graaf

Answer Option B

Q.28: Which consists of two plates separated by a dielectric and can store a charge?

- A. Inductor
- B. Capacitor

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- C. Transistor
- D. Relay

Answer Option B

Q.29: What do we call a collection of two or more computers that are located within a limited distance of each other and that are connected to each other directly or indirectly?

- A. Inernet
- B. Interanet
- C. Local Area Network
- D. Wide Area Network

Answer Option C

Q.30: '.JPG' extension refers usually to what kind of file?

- A. System file
- B. Animation/movie file
- C. MS Encarta document
- D. Image file

Answer Option D

Q.31: What does AM mean?

- A. Angelo Marconi
- B. Anno median
- C. Amplitude modulation
- D. Amperes

Answer Option C

Q.32: In what year was the "@" chosen for its use in e-mail addresses?

- A. 1976
- B. 1972
- C. 1980
- D. 1984

Answer Option B

Q.33: '.TXT' extension refers usually to what kind of file?

Science Technology **Set-2**

- A. Text File
- B. Image file
- C. Audio file
- D. Adobe Acrobat file

Answer Option A

Q.34: What was the first ARPANET message?

- A. "lo"
- B. "hello world"
- C. "mary had a little lamb"
- D. "cyberspace, the final frontier"

Answer Option A

Q.35: The NTSC (National Television Standards Committee) is also used in the country of...?

- A. Japan
- B. France
- C. Germany
- D. England

Answer Option A

Q.36: "FET" is a type of transistor; its full name is _____ Effect Transistor...?

- A. Field
- B. Factor
- C. Flash
- D. Force

Answer Option A

Q.37: What are three types of lasers?

- A. Gas, metal vapor, rock
- B. Pointer, diode, CD
- C. Diode, inverted, pointer
- D. Gas, solid state, diode

Answer Option D

Q.38: What will a UPS are used for in a building?

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- A. To provide power to essential equipment
- B. To monitor building electricity use
- C. To carry messages between departments
- D. To control lighting and power systems

Answer Option A

Q.39: Who built the world's first binary digit computer: Z1...?

- A. Konrad Zuse
- B. Ken Thompson
- C. Alan Turing
- D. George Boole

Answer Option A

Q.40: Compact discs, (according to the original CD specifications) hold how many minutes of music?

- A. 74 mins
- B. 56 mins
- C. 60 mins
- D. 90 mins

Answer Option A

Q.41: Once the active medium is excited, the first photons of light are produced by which physical process?

- A. Blackbody radiation
- B. Spontaneous emission
- C. Synchrotron radiation
- D. Planck's oscillation

Answer Option B

Q.42: 'DTP' computer abbreviation usually means?

- A. Digital Transmission Protocol
- B. DeskTop Publishing
- C. Data Type Programming
- D. Document Type Processing

Answer Option B

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Q.43: The average power (in watts) used by a 20 to 25 inch home color television is...?

- A. 70-100
- B. 25-50
- C. 500-800
- D. Over 1000

Answer Option A

Q.44: What do AC and DC stand for in the electrical field?

- A. Alternating Current and Direct Current
- B. A Rock Band from Australia
- C. Average Current and Discharged Capacitor
- D. Atlantic City and District of Columbia

Answer Option A

Q.45: In which decade was the ARRL founded?

- A. 1940s
- B. 1930s
- C. 1920s
- D. 1910s

Answer Option D

Q.46: 'CD' computer abbreviation usually means ?

- A. Command Description
- B. Change Data
- C. Copy Density
- D. Compact Disc

Answer Option D

Q.47: '.BAK' extension refers usually to what kind of file?

- A. Backup file
- B. Audio file
- C. Animation/movie file
- D. MS Encarta document

Answer Option A

Science Technology **Set-2**

Q.48: Where is the headquarters of Intel located?

- A. Redmond, Washington
- B. Tucson, Arizona
- C. Santa Clara, California
- D. Richmond, Virginia

Answer Option C

Q.49: Who co-created the UNIX operating system in 1969 with Dennis Ritchie?

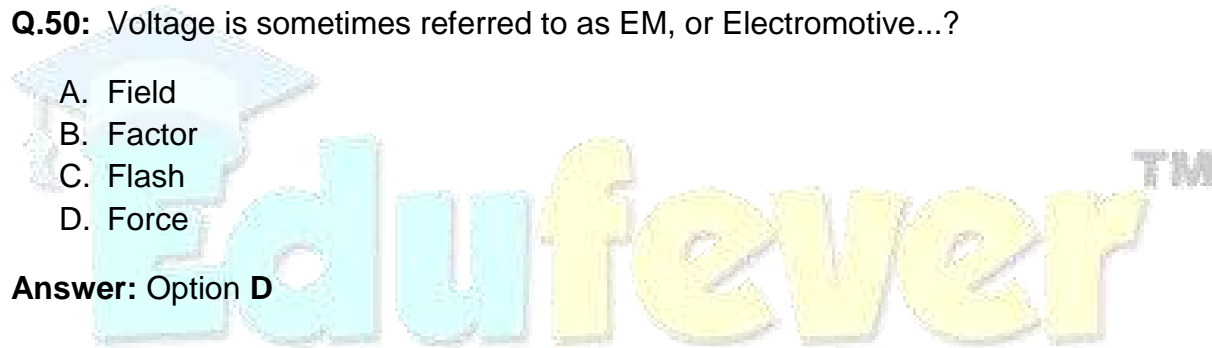
- A. Bjarne Stroustrup
- B. Steve Wozniak
- C. Ken Thompson
- D. Niklaus Wirth

Answer Option C

Q.50: Voltage is sometimes referred to as EM, or Electromotive...?

- A. Field
- B. Factor
- C. Flash
- D. Force

Answer: Option D



Science Technology **Set-2**

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Q.1: Larger buildings may be supplied with a medium voltage electricity supply, and will require a substation or mini-sub. What is the main item of equipment contained in these?

- A. Transformer
- B. Transponder
- C. Transducer
- D. Converter

Answer: Option A

Q.2: What was the active medium used in the first working laser ever constructed?

- A. A diamond block
- B. Helium-neon gas
- C. A ruby rod
- D. Carbon dioxide gas

Answer: Option C

Q.3: What does EPROM stand for?

- A. Electric Programmable Read Only Memory
- B. Erasable Programmable Read Only Memory
- C. Evaluable Philotic Random Optic Memory
- D. Every Person Requires One Mind

Answer: Option B

Q.4: Blue is what number on the resistor color code?

- A. 1
- B. 4
- C. 2
- D. 6

Answer: Option D

Q.5: Changing computer language of 1's and 0's to characters that a person can understand is...

- A. Highlight
- B. Clip art
- C. Decode

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D. Execute

Answer: Option C

Q.6: What's a web browser?

- A. A kind of spider
- B. A computer that stores WWW files
- C. A person who likes to look at websites
- D. A software program that allows you to access sites on the World Wide Web

Answer: Option D

Q.7: <http://www.indiabix.com> - is an example of what?

- A. A URL
- B. An access code
- C. A directory
- D. A server

Answer: Option A

Q.8: How many bits is a byte?

- A. 4
- B. 8
- C. 16
- D. 32

Answer: Option B

Q.9: How do you subscribe to an Internet mailing list?

- A. Contact your Internet service provider
- B. Send e-mail to the list manager
- C. Telephone the mailing list webmaster
- D. Send a letter to the list

Answer: Option B

Q.10: Computers calculate numbers in what mode?

- A. Decimal
- B. Octal
- C. Binary

Science Technology **Set-3**

D. None of the above

Answer: Option C

Q.11: What is an FET?

- A. Farad Effect Transformer
- B. Field Effect Transformer
- C. Field Effect Transistor
- D. French Energy Transfer

Answer: Option C

Q.12: The speed of your net access is defined in terms of...

- A. RAM
- B. MHz
- C. Kbps
- D. Megabytes

Answer: Option C

Q.13: How many diodes are in a full wave bridge rectifier?

- A. 8
- B. 2
- C. 4
- D. 3

Answer: Option C

Q.14: The "desktop" of a computer refers to:

- A. The visible screen
- B. The area around the monitor
- C. The top of the mouse pad
- D. The inside of a folder

Answer: Option A

Q.15: Which of these is a search engine?

- A. FTP
- B. Google
- C. Archie

D. ARPANET

Answer: Option B

Q.16: The letters, "DOS" stand for...

- A. Data Out System
- B. Disk Out System
- C. Disk Operating System
- D. Data Operating System

Answer: Option C

Q.17: What does CPU stand for?

- A. Cute People United
- B. Commonwealth Press Union
- C. Computer Parts of USA
- D. Central Processing Unit

Answer: Option D

Q.18: Which of these is a valid e-mail address?

- A. professor.at.learnthenet
- B. www.learnthenet.com
- C. professor@learnthenet.com
- D. professor@learnthenet

Answer: Option C

Q.19: Which device can be used to store charge?

- A. Transistor
- B. Diode
- C. Capacitor
- D. Resistor

Answer: Option C

Q.20: Modem stands for...

- A. Modulator Demodulator
- B. Monetary Devaluation Exchange Mechanism
- C. Memory Demagnetization

Science Technology **Set-3**

D. Monetary Demarkation

Answer: Option A

Q.21: What is the difference between the Internet and an intranet?

- A. One is public, the other is private
- B. One is safer than the other
- C. One can be monitored, the other can't
- D. None of the above

Answer: Option A

Q.22: In a Digital circuit, what is 1 'AND' 1?

- A. 0
- B. 1
- C. 2
- D. 4

Answer: Option B

Q.23: Your computer has gradually slowed down. What's the most likely cause?

- A. Overheating
- B. Your processor chip is just getting old
- C. Adware/spyware is infecting your PC
- D. You dropped a sandwich in your computer

Answer: Option C

Q.24: In which decade was the transistor invented?

- A. 1940s
- B. 1950s
- C. 1960s
- D. 1980s

Answer: Option A

Q.25: A JPG is...

- A. A Jumper Programmed Graphic
- B. A format for an image file
- C. A type of hard disk

Science Technology **Set-3**

D. A unit of measure for memory

Answer: Option B

Q.26: A dual-layer DVD is valued because it:

- A. Can hold more data
- B. Contains a backup of the data stored
- C. Uses a second layer to offer a speed increase
- D. Creates alternative sound tracks

Answer: Option A

Q.27: To select text by shading as you drag the mouse arrow over the text is known as...

- A. Clip art
- B. To highlight
- C. To fetch
- D. To decode

Answer: Option B

Q.28: Another word for 'Graphics for a word processor'?

- A. Peripheral
- B. Clip art
- C. Highlight
- D. Execute

Answer: Option B

Q.29: What Designates where the next action occurs?

- A. Decode
- B. Highlight
- C. Select
- D. Mother board

Answer: Option C

Q.30: Which was an early mainframe computer?

- A. ENIAC
- B. UNIC

Science Technology **Set-3**

- C. BRAINIA
- D. FUNTRIA

Answer: Option A

Q.31: Experts say the healthiest way to view a computer monitor is by...

- A. Placing it 18 to 30 inches away from your eyes
- B. Viewing from a darkened room
- C. Adjusting the screen for maximum contrast
- D. Using special glasses that filter out UV rays

Answer: Option A

Q.32: Name the terminals of a BJT.

- A. Drain, Gate, Source
- B. Positive, Negative, Neutral
- C. Anode, Cathode, Triode
- D. Emitter, Base, Collector

Answer: Option D

Q.33: What do you call a computer on a network that requests files from another computer?

- A. A client
- B. A host
- C. A router
- D. A web server

Answer: Option A

Q.34: In which decade were the first successful diode and triode vacuum tubes invented?

- A. 1800s
- B. 1880s
- C. 1890s
- D. 1900s

Answer: Option D

Q.35: RAM stands for...

Science Technology **Set-3**

- A. Random Access Memory
- B. Really Annoying Machine
- C. Read A Manual
- D. Real Absolute Memory

Answer: Option A

Q.36: Hardware devices that are not part of the main computer system and are often added later to the system.

- A. Peripheral
- B. Clip art
- C. Highlight
- D. Execute

Answer: Option A

Q.37: On which of the following sites can you set up your email account:

- A. Wwww.linux.org
- B. Wwww.gre.org
- C. Wwww.syvum.com
- D. Wwww.hotmail.com

Answer: Option D

Q.38: The main computer that stores the files that can be sent to computers that are networked together is...

- A. Clip art
- B. Mother board
- C. Peripheral
- D. File server

Answer: Option D

Q.39: How can you catch a computer virus?

- A. Sending e-mail messages
- B. Using a laptop during the winter
- C. Opening e-mail attachments
- D. Shopping online

Answer: Option C

Science Technology **Set-3**

Q.40: In which decade was the first solid state integrated circuit demonstrated?

- A. 1950s
- B. 1960s
- C. 1970s
- D. 1980s

Answer: Option A

Q.41: A DV camcorder is...

- A. Capable of creating video in HDTV
- B. Used to create digital video
- C. Limited to the Direct Video format
- D. A Denon Video brand product

Answer: Option B

Q.42: What are the 2 terminals of a diode called?

- A. Pentode and Triode
- B. Gate and Drain
- C. Drain and Source
- D. Anode and Cathode

Answer: Option D

Q.43: A coating of dust on a computer's main circuit boards has this probable consequence

- A. Overheating
- B. Short circuits
- C. Slower hard disk
- D. None

Answer: Option A

Q.44: How many terminals does a BJT have?

- A. 1
- B. 5
- C. 4
- D. 3

Answer: Option D

Science Technology **Set-3**

Q.45: Google (www.google.com) is a...

- A. Search Engine
- B. Number in Math
- C. Directory of images
- D. Chat service on the web

Answer: Option A

Q.46: What is a BJT?

- A. Bit Junction Transfer
- B. Bi-polar Junction Transistor
- C. Bell Jar Transformer
- D. Back Junction Transformer

Answer: Option B

Q.47: Which is not an internet protocol?

- A. HTTP
- B. FTP
- C. STP
- D. IP

Answer: Option C

Q.48: Which of the following is not a valid domain name?

- A. Www.yahoo.com
- B. Www.yahoo.co.uk
- C. Www.fr.yahoo
- D. Www.yahoo.fr

Answer: Option C

Q.49: AOL stands for...

- A. Arranged Outer Line
- B. America Over LAN
- C. Audio Over LAN
- D. America Online

Answer: Option D

Science Technology **Set-3**

Q.50: What are the three main search expressions, or operators, recognized by Boolean logic?

- A. FROM, TO, WHOM
- B. AND, OR, NOT
- C. SEARCH, KEYWORD, TEXT
- D. AND, OR, BUT

Answer: Option B

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Science Technology **Set-4**

Q.1: Another name for a computer chip is...

- A. Execute
- B. Micro chip
- C. Microprocessor
- D. Select

Answer Option B

Q.2: "www" stands for...

- A. World Wide Web
- B. World Wide Wares
- C. World Wide Wait
- D. World Wide War

Answer Option A

Q.3: Which of these is not a computer?

- A. Aptiva
- B. Macintosh
- C. Acorn
- D. Paseo

Answer Option D

Q.4: Which of the following is not a programming language?

- A. Basic
- B. Java
- C. Turing
- D. C#

Answer Option C

Q.5: Which of the following is not a method of accessing the web?

- A. ISDN
- B. Modem
- C. CPU
- D. DSL

Answer Option C

Science Technology Set-4

Q.6: The "home page" of a web site is...

- A. The largest page
- B. The last page
- C. The first page
- D. The most colorful page

Answer Option C

Q.7: ROM stands for...

- A. Royal Ontario Museum
- B. Read Only Memory
- C. Read on Monday
- D. Real Obsolute Memory

Answer Option B

Q.8: HTML is used to...

- A. Plot complicated graphs
- B. Author webpages
- C. Translate one language into another
- D. Solve equations

Answer Option B

Q.9: In which decade was the telegraph invented?

- A. 1810s
- B. 1840s
- C. 1870s
- D. 1890s

Answer Option B

Q.10: Another word for the CPU is...

- A. Execute
- B. Microprocessor
- C. Micro chip
- D. Decode

Answer Option B

Science Technology Set-4

Q.11: What would you use for immediate, real-time communication with a friend?

- A. Instant Messaging
- B. E-Mail
- C. Usenet
- D. A mailing list

Answer Option A

Q.12: What kind of data can you send by e-mail?

- A. Audio
- B. Pictures
- C. Video
- D. All of the above

Answer Option D

Q.13: When discussing technology, a hot spot is...

- A. A small overheated area on a CPU
- B. A place served by public wireless access
- C. Jargon for an X-rated Web site
- D. A faulty area in the programming code

Answer Option B

Q.14: In which decade was the Internet first implemented?

- A. 1940s
- B. 1950s
- C. 1960s
- D. 1980s

Answer Option C

Q.15: In which decade was the telephone invented?

- A. 1850s
- B. 1860s
- C. 1870s
- D. 1880s

Answer Option C

Science Technology Set-4

Q.16: Main circuit board in a computer is...

- A. Decoder
- B. Highlight
- C. Select
- D. Mother board

Answer Option D

Q.17: Name the terminals of an FET.

- A. Drain, Gate, Source
- B. Positive, Negative, Neutral
- C. Anode, Cathode, Triode
- D. Emitter, Base, Collector

Answer Option A

Q.18: Where are the contents of your computer's hard drive indexed?

- A. Yahoo!
- B. Google
- C. MSN
- D. None of the above

Answer Option D

Q.19: ISP stands for...

- A. Internet Survey Period
- B. Integrated Service Provider
- C. Internet Security Protocol
- D. Internet Service Provider

Answer Option D

Q.20: Internet Explorer is a...

- A. Any person browsing the net
- B. Web Browser
- C. Graphing Package
- D. News Reader

Answer Option B

Science Technology **Set-4**

Q.21: Lately you hear a clatter from your computer, especially when you load a program or call up information. What's going on?

- A. It's infested with reindeer
- B. Your hard disk may be headed for failure
- C. A loose wire is hitting the cooling fan
- D. A loud metallic clatter is normal

Answer Option B

Q.22: The "http" you type at the beginning of any site's address stands for...

- A. HTML Transfer Technology Process
- B. Hyperspace Terms and Tech Protocol
- C. Hyperspace Techniques & Tech Progress
- D. Hyper Text Transfer Protocol

Answer Option D

Q.23: Google and NASA have joined hands to identify which two new planets around distant stars?

- A. Kepler 80g, Kepler 90i
- B. Kepler 90g, Kepler 80i
- C. Kepler 81g, Kepler 90i
- D. Kepler 90i, Kepler 82g

Answer Option A

Q.24: Where has the world's newest island been formed in 2014-2015?

- A. Tonga
- B. Japan
- C. China
- D. Samoa

Answer Option A

Q.25: The electromagnetic coils on the neck of the picture tube or tubes which pull the electron beam from side to side and up and down are called a _____?

Science Technology Set-4

- A. Transformer
- B. Yoke
- C. Capacitor
- D. Diode

Answer Option B

Q.26: In a color television set using a picture tube a high voltage is used to accelerate electron beams to light the screen. That voltage is about?

- A. 500 volts
- B. 5 thousand volts
- C. 25 thousand volts
- D. 100 thousand volts

Answer Option C

Q.27: The transformer that develops the high voltage in a home television is commonly called a _____?

- A. Tesla coil
- B. Fly-back
- C. Yoke
- D. Van de Graaf

Answer Option B

Q.28: Which consists of two plates separated by a dielectric and can store a charge?

- A. Inductor
- B. Capacitor
- C. Transistor
- D. Relay

Answer Option B

Q.29: "FET" is a type of transistor; Its full name is _____ Effect Transistor.

- A. Field
- B. Factor
- C. Flash
- D. Force

Answer Option A

Science Technology Set-4

Q.30: What are three types of lasers?

- A. Gas, metal vapor, rock
- B. Pointer, diode, CD
- C. Diode, inverted, pointer
- D. Gas, solid state, diode

Answer Option D

Q.31: What will a UPS be used for in a building?

- A. To provide power to essential equipment
- B. To monitor building electricity use
- C. To carry messages between departments
- D. To control lighting and power systems

Answer Option A

Q.32: Once the active medium is excited, the first photons of light are produced by which physical process?

- A. Blackbody radiation
- B. Spontaneous emission
- C. Synchrotron radiation
- D. Planck's oscillation

Answer Option B

Q.33: The average power (in watts) used by a 20 to 25 inch home color television is?

- A. 70-100
- B. 25-50
- C. 500-800
- D. Over 1000

Answer Option A

Q.34: What do AC and DC stand for in the electrical field?

- A. Alternating Current and Direct Current
- B. A Rock Band from Australia
- C. Average Current and Discharged Capacitor
- D. Atlantic City and District of Columbia

Answer Option A

Science Technology **Set-4**

Q.35: In which decade with the first transatlantic radio broadcast occur?

- A. 1850s
- B. 1860s
- C. 1870s
- D. 1900s

Answer Option D

Q.36: In which decade was the SPICE simulator introduced?

- A. 1950s
- B. 1960s
- C. 1970s
- D. 1980s

Answer Option C

Q.37: Most modern TV's draw power even if turned off. The circuit the power is used in does what function?

- A. Sound
- B. Remote control
- C. Color balance
- D. High voltage

Answer Option B

Q.38: Which is a type of Electrically-Erasable Programmable Read-Only Memory?

- A. Flash
- B. Flange
- C. Fury
- D. FRAM

Answer Option A

Q.39: The purpose of choke in tube light is?

- A. To decrease the current
- B. To increase the current
- C. To decrease the voltage momentarily
- D. To increase the voltage momentarily

Answer Option D

Science Technology Set-4

Q.40: Who is largely responsible for breaking the German Enigma codes, created a test that provided a foundation for artificial intelligence?

- A. Alan Turing
- B. Jeff Bezos
- C. George Boole
- D. Charles Babbage

Answer Option A

Q.41: Made from a variety of materials, such as carbon, which inhibits the flow of current?

- A. Choke
- B. Inductor
- C. Resistor
- D. Capacitor

Answer Option C

Q.42: The most common format for a home video recorder is VHS. VHS stands for?

- A. Video Home System
- B. Very high speed
- C. Video horizontal standard
- D. Voltage house standard

Answer Option A

Q.43: What does VVVF stand for?

- A. Variant Voltage Vile Frequency
- B. Variable Velocity Variable Fun
- C. Very Vicious Frequency
- D. Variable Voltage Variable Frequency

Answer Option D

Q.44: What frequency range is the High Frequency band?

- A. 100 kHz
- B. 1 GHz
- C. 30 to 300 MHz
- D. 3 to 30 MHz

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Answer Option D

Q.45: The first step to getting output from a laser is to excite an active medium. What is this process called?

- A. Pumping
- B. Exciting
- C. Priming
- D. Raising

Answer Option A

Q.46: What is the relationship between resistivity 'r' and conductivity 's'?

- A. $R = s^2$
- B. $R = s$
- C. $R > s$
- D. $R = 1/s$

Answer Option D

Q.47: Which motor is NOT suitable for use as a DC machine?

- A. Permanent magnet motor
- B. Series motor
- C. Squirrel cage motor
- D. Synchronous motor

Answer Option C

Q.48: A given signal's second harmonic is twice the given signal's _____ frequency?

- A. Fourier
- B. Foundation
- C. Fundamental
- D. Field

Answer Option C

Q.49: In which year was MIDI (Musical Instrument Digital Interface) introduced?

- A. 1987
- B. 1983
- C. 1973

Science Technology **Set-4**

D. 1977

Answer Option B

Q.50: What does the term PLC stand for?

- A. Programmable Lift Computer
- B. Program List Control
- C. Programmable Logic Controller
- D. Piezo Lamp Connector

Answer Option C

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Science Technology **Set-5**

Q.1: When measuring the characteristics of a small-signal amplifier, say for a radio receiver, one might be concerned with its "Noise"?

- A. Fundamental
- B. Fall
- C. Force
- D. Figure

Answer Option D

Q.2: Who created Pretty Good Privacy (PGP)?

- A. Phil Zimmermann
- B. Tim Berners-Lee
- C. Marc Andreessen
- D. Ken Thompson

Answer Option A

Q.3: After the first photons of light are produced, which process is responsible for amplification of the light?

- A. Blackbody radiation
- B. Stimulated emission
- C. Planck's radiation
- D. Einstein oscillation

Answer Option B

Q.4: Which is NOT an acceptable method of distributing small power outlets throughout an open plan office area?

- A. Power Poles
- B. Power Skirting
- C. Flush Floor Ducting
- D. Extension Cords

Answer Option D

Q.5: Which of the following is a prime health risks associated with greater UV radiation through the atmosphere due to depletion of stratospheric ozone ?

- A. Damage to digestive system
- B. Increased liver cancer

Science Technology **Set-5**

- C. Neurological disorder
- D. Increased skin cancer

Answer Option D

Q.6: Which of the following is not a primary contributor to the greenhouse effect?

- A. Carbon dioxide
- B. Carbon monoxide
- C. Chlorofluorocarbons
- D. Methane gas

Answer Option C

Q.7: The increase in the concentration of CO₂ in our environment in last fifty years; since 1960 is about—

- A. 20%
- B. 10%
- C. 14%
- D. 6%

Answer Option C

Q.8: Which of the following are the example of Municipal and industrial discharge pipes?

- A. Nonpoint sources of pollution
- B. Violations of the Clean Water Act.
- C. Point sources of pollution
- D. Irrigation

Answer Option C

Q.9: The presence of high coliform counts in water indicate -

- A. contamination by human wastes
- B. phosphorus contamination
- C. decreased biological oxygen demand
- D. hydrocarbon contamination

Answer Option A

Q.10: Which of the following is not as a consequence of global warming ?

Science Technology **Set-5**

- A. Rising sea level
- B. Increased agricultural productivity worldwide
- C. Worsening health effects
- D. Increased storm frequency and intensity

Answer Option B

Q.11: How the biological oxygen demand gets affected with the increased presence of organic matter in water?

- A. The oxygen demand increases
- B. The oxygen demand decreases
- C. The oxygen demand remains unchanged
- D. None of the above

Answer Option A

Q.12: The most serious environmental effect posed by hazardous wastes is -

- A. air pollution
- B. contamination of groundwater
- C. increased use of land for landfills
- D. destruction of habitat

Answer Option B

Q.13: Which of the following is not a major source of groundwater contamination ?

- A. Agricultural products
- B. Septic tanks
- C. Underground storage tanks
- D. All of the above are major sources of groundwater contamination

Answer Option D

Q.14: The depletion in the Ozone layer is caused by -

- A. nitrous oxide
- B. carbon dioxide
- C. chlorofluorocarbons
- D. methane

Answer: Option C

Q.15: Which of the following is not considered as part of water use planning ?

Science Technology **Set-5**

- A. Waste water treatment
- B. Storm sewer drainage
- C. Salinization
- D. Water use planning considers all of the above issues

Answer: Option D

Q.16: The stage in which the biological processes is used to purify water in a wastewater treatment plants is called -

- A. secondary sewage treatment
- B. primary sewage treatment
- C. wastewater reduction
- D. biochemical reduction

Answer: Option A

Q.17: Microbial Type Culture Collection Centre is situated at -

- A. Chandigarh
- B. New Delhi
- C. Hyderabad
- D. Bangalore

Answer: Option A

Q.18: Biotic environment includes -

- A. producers
- B. consumers
- C. decomposers
- D. All of the above

Answer: Option D

Q.19: Decomposers include -

- A. bacteria
- B. fungi
- C. Both (A) and (B)
- D. animals

Answer: Option C

Q.20: Abiotic environment does not include -

Science Technology **Set-5**

- A. air
- B. water
- C. soil
- D. plants

Answer: Option D

Q.21: Vermicomposting is done by -

- A. fungus
- B. bacteria
- C. worms
- D. animals

Answer: Option C

Q.22: The groups of organisms which convert light into food are called -

- A. autotrophs
- B. heterotrophs
- C. decomposers
- D. omnivores

Answer: Option A

Q.23: Which one of the following is not biodegradable ?

- A. vegetables
- B. fruits
- C. earthworm
- D. aluminium foil

Answer: Option D

Q.24: Which company created the most used networking software in the 1980's

- A. Microsoft
- B. Sun
- C. IBM
- D. Novell

Answer: Option D

Q.25: Which of the following operating systems is produced by IBM?

Science Technology Set-5

- A. OS-2
- B. Windows
- C. DOS
- D. UNIX

Answer: Option A

Q.26: Which of the following is NOT a type of expansion slot or bus design used in Advanced-Technology class systems?

- A. PCMCIA
- B. ISA
- C. PROM
- D. EISA

Answer: Option C

Q.27: What is a GPU?

- A. Grouped Processing Unit
- B. Graphics Processing Unit
- C. Graphical Performance Utility
- D. Graphical Portable Unit

Answer: Option B

Q.28: What does DOCSIS stand for?

- A. Data Over Cable Service Interface Specification
- B. Data Over Cable Security Internet Std
- C. Data Over Cable Secure International Stds
- D. Data Over Cable Service Internet Standard

Answer: Option A

Q.29: Which one of the following is a search engine?

- A. Macromedia Flash
- B. Google
- C. Netscape
- D. Librarians' Index to the Internet

Answer: Option B

Science Technology **Set-5**

Q.30: Which is the best search tool for finding Web sites that have been handpicked and recommended by someone else?

- A. Subject directories
- B. Search engines
- C. Meta-search engines
- D. Discussion groups

Answer: Option A

Q.31: What is LCP?

- A. Local Connection Protocol
- B. Lost Connection Problem
- C. Link Control Protocol
- D. Laggy Connection Problem

Answer: Option C

Q.32: What is VCM?

- A. Virtual Connection Manager
- B. Virtual Channel Memory
- C. Voice Controlled Modem
- D. Voice Communications Module

Answer: Option B

Q.33: What does the abbreviation "http" stand for?

- A. Hypertext Transfer Protocol
- B. High Task Termination Procedure
- C. Harvard Teletext Proof
- D. Hindustan Times Technical Professionals

Answer: Option A

Q.34: ARPANET, the precursor to the Internet, was developed by:

- A. FAA
- B. Department of Defence
- C. NATO
- D. UART

Answer: Option B

Science Technology Set-5

Q.35: What is a spider?

- A. A computer virus
- B. A program that catalogs Web sites
- C. A hacker who breaks into computer systems
- D. An application for viewing Web sites

Answer: Option B

Q.36: Which of the following is not a part of the Internet?

- A. World Wide Web
- B. Email
- C. CD-ROM
- D. HTTP

Answer: Option C

Q.37: The abbreviation URL stands for:

- A. User Regulation Law
- B. Unknown RAM Load
- C. Uniform Resource Locator
- D. Ultimate RAM Locator

Answer: Option C

Q.38: What is the Websites code for the country Mongolia?

- A. MN
- B. ML
- C. MG
- D. MO

Answer: Option A

Q.39: What was the clock speed of the original IBM PC?

- A. Less than 5 MHz
- B. 10 MHz
- C. 8 MHz
- D. Just over 16 MHz

Answer: Option A

Science Technology **Set-5**

Q.40: What is NAT?

- A. Network Address Translation
- B. Network Administration Tool
- C. Novell Address Transfer
- D. Newly Added Technology

Answer: Option A

Q.41: What is not always necessary for accessing the Web?

- A. A Web browser
- B. A connection to an Internet Access Provider
- C. A computer
- D. A modem

Answer: Option D

Q.42: On what date was the debut of the first IBM Personal Computer?

- A. August 12, 1981
- B. January 21 1979
- C. August 21, 1980
- D. January 12, 1982

Answer: Option A

Q.43: A computer virus that actively attacks an anti-virus program or programs in an effort to prevent detection is...

- A. Worm
- B. Retrovirus
- C. Trojan
- D. Ghost virus

Answer: Option B

Q.44: What is the Websites code for the country Spain?

- A. SI
- B. SP
- C. ES
- D. SN

Answer: Option C

Science Technology Set-5

Q.45: The first web server was built in:

- A. 1990 in Geneva, Switzerland
- B. 1985 in Berkeley, California
- C. 1988 in Cambridge, Massachusetts
- D. 1947 in Berningham, UK

Answer: Option A

Q.46: In what year did the Symantec Corporation first release Norton Antivirus?

- A. 1990
- B. 1995
- C. 1988
- D. 1997

Answer: Option A

Q.47: The IBM PC-XT was the first to include a hard drive. What was the capacity of this disk?

- A. 20 MB
- B. 1.44 MB
- C. 10 MB
- D. 750 KB

Answer: Option C

Q.48: What is the Websites code for the country Colombia?

- A. CO
- B. CM
- C. CL
- D. CB

Answer: Option A

Q.49: Which of the following word processors came first?

- A. WordPerfect
- B. Lotus Notes
- C. MS Word
- D. WordStar

Answer: Option D

Science Technology **Set-5**

Q.50: The invention of the transistor, or semiconductor, was one of the most important developments leading to the personal computer revolution. What company invented the transistor in 1947?

- A. International Business Machines
- B. MITS
- C. Xerox
- D. Bell Laboratories

Answer: Option D

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Science Technology Set-6

Q.1: What is TTL?

- A. Technical Talk Language
- B. Transparent Transfer Layer
- C. Time To Live
- D. True Technology Lives

Answer: Option C

Q.2: What is the Websites code for the country Bulgaria?

- A. BU
- B. BR
- C. BL
- D. BG

Answer: Option D

Q.3: What does PPTP stand for?

- A. Point to Point Transmission Protocol
- B. Point to Point Transfer Protocol
- C. Point to Point Tunneling Protocol
- D. Point to Point Traffic Protocol

Answer: Option C

Q.4: The first Indian Satellite Aryabhata was launched in

- A. 1974
- B. 1975
- C. 1976
- D. 1977

Answer: Option B

Q.5: MIRV stands for

- A. Multi-dimensional Independent Reentry Vehicle
- B. Multi-directional Independently Reoriented Vehicle
- C. Multiple Independently-targetable Re-entry Vehicle
- D. Multi-purpose Integrally-targeted Revolutionary Vehicle

Answer: Option C

Science Technology Set-6

Q.6: Which state became the first in India to launch a free email address in Hindi for residents?

- A. Uttar Pradesh
- B. Madhya Pradesh
- C. Rajasthan
- D. Gujarat

Answer: Option C

Q.7: Scientists have developed a new battery material based in _____ with charging speed 5 times faster than lithium-ion batteries.

- A. Graphene
- B. Carbon
- C. Nitrate
- D. Chromium

Answer: Option A

Q.8: Which of these are planetary storms?

- A. Jupiter's Great Red Spot
- B. Sun's Solar Flares
- C. Saturn's Great White Storm
- D. Both a and c

Answer: Option D

Q.9: ISRO has developed small satellite launch vehicles to launch which type of satellites?

- A. Low cost
- B. Small sized
- C. Hi-tech
- D. Only a and b
- E. All of the above

Answer: Option D

Q.10: Which asteroid is causing the Dec 15, 2017 Geminid meteor shower display?

- A. 3200 Phaethon
- B. 3200 Helios

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- C. 3200 Artemis
- D. 3200 Phobos

Answer: Option A

Q.11: India was declared free from trachoma which is a _____ infection of the eye.

- A. Viral
- B. Fungal
- C. Bacterial
- D. None of the above

Answer: Option C

Q.12: A new form of matter has been discovered named excitonium by whom?

- A. Bert Halper
- B. Bert Kelper
- C. Bert Shalper
- D. Bert Walper

Answer: Option A

Q.13: As per PRL Ahmedabad scientists, which type of storms can flow towards the earth and disturb the atmosphere?

- A. Wind
- B. Thermal
- C. Rain
- D. Solar

Answer: Option D

Q.14: The electromagnetic coils on the neck of the picture tube or tubes which pull the electron beam from side to side and up and down are called a _____?

- A. Transformer
- B. Yoke
- C. Capacitor
- D. Diode

Answer: Option B

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Q.15: In a color television set using a picture tube a high voltage is used to accelerate electron beams to light the screen. That voltage is about?

- A. 500 volts
- B. 5 thousand volts
- C. 25 thousand volts
- D. 100 thousand volts

Answer: Option C

Q.16: The transformer that develops the high voltage in a home television is commonly called a _____?

- A. Tesla coil
- B. Fly-back
- C. Yoke
- D. Van de Graaf

Answer: Option B

Q.17: Which consists of two plates separated by a dielectric and can store a charge?

- A. Inductor
- B. Capacitor
- C. Transistor
- D. Relay

Answer: Option B

Q.18: "FET" is a type of transistor; Its full name is _____ Effect Transistor.

- A. Field
- B. Factor
- C. Flash
- D. Force

Answer: Option A

Q.19: What are three types of lasers?

- A. Gas, metal vapor, rock
- B. Pointer, diode, CD
- C. Diode, inverted, pointer
- D. Gas, solid state, diode

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Answer: Option D

Q.20: What will a UPS be used for in a building?

- A. To provide power to essential equipment
- B. To monitor building electricity use
- C. To carry messages between departments
- D. To control lighting and power systems

Answer: Option A

Q.21: Once the active medium is excited, the first photons of light are produced by which physical process?

- A. Blackbody radiation
- B. Spontaneous emission
- C. Synchrotron radiation
- D. Planck's oscillation

Answer: Option B

Q.22: The average power (in watts) used by a 20 to 25 inch home color television is?

- A. 70-100
- B. 25-50
- C. 500-800
- D. Over 1000

Answer: Option A

Q.23: What does AC and DC stand for in the electrical field?

- A. Alternating Current and Direct Current
- B. A Rock Band from Australia
- C. Average Current and Discharged Capacitor
- D. Atlantic City and District of Columbia

Answer: Option A

Q.24: Voltage is sometimes referred to as EMF, or Electromotive?

- A. Field
- B. Factor
- C. Flash
- D. Force

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Answer: Option D

Q.25: The input used by an antenna or cable to a TV set uses frequencies called?

- A. IF
- B. RF
- C. AF
- D. SAP

Answer: Option B

Q.26: Larger buildings may be supplied with a medium voltage electricity supply, and will require a substation or mini-sub. What is the main item of equipment contained in these?

- A. Transformer
- B. Transponder
- C. Transducer
- D. Converter

Answer: Option A

Q.27: What was the active medium used in the first working laser ever constructed?

- A. A diamond block
- B. Helium-neon gas
- C. A ruby rod
- D. Carbon dioxide gas

Answer: Option C

Q.28: What is "Hot Line"?

- A. An Electric wire
- B. Line of control in the battle field
- C. Imaginary line indicating atmospheric pressure
- D. A telecommunication link

Answer: Option D

Q.29: Blue is what number on the resistor color code?

- A. 1
- B. 4
- C. 2

D. 6

Answer: Option D

Q.30: What is an FET?

- A. Farad Effect Transformer
- B. Field Effect Transformer
- C. Field Effect Transistor
- D. French Energy Transfer

Answer: Option C

Q.31: How many diodes are in a full wave bridge rectifier?

- A. 8
- B. 2
- C. 4
- D. 3

Answer: Option C

Q.32: Which device can be used to store charge?

- A. Transistor
- B. Diode
- C. Capacitor
- D. Resistor

Answer: Option C

Q.33: Name the terminals of a BJT.

- A. Drain, Gate, Source
- B. Positive, Negative, Neutral
- C. Anode, Cathode, Triode
- D. Emitter, Base, Collector

Answer: Option D

Q.34: A DV camcorder is:

- A. Capable of creating video in HDTV
- B. Used to create digital video
- C. Limited to the Direct Video format

D. A Denon Video brand product

Answer: Option B

Q.35: What are the 2 terminals of a diode called?

- A. Pentode and Triode
- B. Gate and Drain
- C. Drain and Source
- D. Anode and Cathode

Answer: Option D

Q.36: A coating of dust on a computer's main circuit boards has this probable consequence

- A. Overheating
- B. Short circuits
- C. Slower hard disk
- D. None

Answer: Option A

Q.37: How many terminals does a BJT have?

- A. 1
- B. 5
- C. 4
- D. 3

Answer: Option D

Q.38: What is a BJT?

- A. Bit Junction Transfer
- B. Bi-polar Junction Transistor
- C. Bell Jar Transformer
- D. Back Junction Transformer

Answer: Option B

Q.39: What are the three main search expressions, or operators, recognized by Boolean logic?

- A. FROM, TO, WHOM

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- B. AND, OR, NOT
- C. SEARCH, KEYWORD, TEXT
- D. AND, OR, BUT

Answer: Option **B**

Q.40: In which decade was the telegraph invented?

- A. 1810s
- B. 1840s
- C. 1870s
- D. 1890s

Answer: Option **B**

Q.41: In which decade was the telephone invented?

- A. 1850s
- B. 1860s
- C. 1870s
- D. 1880s

Answer: Option **C**

Q.42: Name the terminals of an FET.

- A. Drain, Gate, Source
- B. Positive, Negative, Neutral
- C. Anode, Cathode, Triode
- D. Emitter, Base, Collector

Answer: Option **A**

Q.43: Which of the following is NOT a type of expansion slot or bus design used in Advanced-Technology class systems?

- A. PCMCIA
- B. ISA
- C. PROM
- D. EISA

Answer: Option **C**

Q.44: What is a GPU?

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- A. Grouped Processing Unit
- B. Graphics Processing Unit
- C. Graphical Performance Utility
- D. Graphical Portable Unit

Answer: Option

Q.45: What does DOCSIS stand for?

- A. Data Over Cable Service Interface Specification
- B. Data Over Cable Security Internet Standard
- C. Data Over Cable Secure International Standard
- D. Data Over Cable Service Internet Standard

Answer: Option

Q.46: What is VCM?

- A. Virtual Connection Manager
- B. Virtual Channel Memory
- C. Voice Controlled Modem
- D. Voice Communications Module

Answer: Option C

Q.47: What was the clock speed of the original IBM PC?

- A. Less than 5 MHz
- B. 10 MHz
- C. 8 MHz
- D. Just over 16 MHz

Answer: Option C

Q.48: What is NAT?

- A. Network Address Translation
- B. Network Administration Tool
- C. Novell Address Transfer
- D. Newly Added Technology

Answer: Option C

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Q.49: The invention of the transistor, or semiconductor, was one of the most important developments leading to the personal computer revolution. What company invented the transistor in 1947?

- A. International Business Machines
- B. MITS
- C. Xerox
- D. Bell Laboratories

Answer: Option C

Q.50: What is TTL?

- A. Technical Talk Language
- B. Transparent Transfer Layer
- C. Time To Live
- D. True Technology Lives

Answer: Option C

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Q.1: What does PPTP stand for?

- A. Point to Point Transmission Protocol
- B. Point to Point Transfer Protocol
- C. Point to Point Tunneling Protocol
- D. Point to Point Traffic Protocol

Answer: Option C

Q.2: Researchers from Columbia University Medical Centre (CUMC) in US have converted natural bacterial immune system into the world's smallest _____?

- A. data recorder
- B. immunity booster
- C. data manipulator
- D. pattern matcher

Answer: Option A

Q.3: The world's fastest supersonic cruise missile BrahMos was successfully test fired from which Indian Air Force's (IAF) fighter jet?

- A. Mig-29
- B. Sukhoi-20MKI
- C. Sukhoi-30MKI
- D. F-16

Answer: Option C

Q.4: The National Aeronautics and Space Administration (NASA) successfully tested supersonic landing parachute that will be deployed in its Mars rover mission set to launch in what year?

- A. 2030
- B. 2025
- C. 2020
- D. 2050

Answer: Option C

Q.5: BSI scientists have discovered a new species of parasitic flowering plant named *Gleadovia konyakianorum* called so in honour of Konyak tribe of which community?

- A. Ghari

- B. Khasi
- C. Nagas
- D. Jarawa

Answer: Option C

Q.6: Which of the following are drought resistant plants?

- A. Succulents
- B. Aloe Vera
- C. Cacti
- D. Both a and c
- E. All of the above

Answer: Option E

Q.7: China launched world's first fully electric cargo ship in Guangzhou. What type of battery does it use?

- A. Lead acid
- B. Manganese
- C. Lithium ion
- D. Nickel metal hydride

Answer: Option C

Q.8: Under what mission has the Ministry of Railways advanced target for 100% completion of installing human waste discharge free Bio-toilets in coaches to December 2018?

- A. Swachh India
- B. Swachh Aadhar
- C. Swachh Bharat
- D. Swachh Nirman

Answer: Option C

Q.9: Which interactive service, a 24hr channel has DTH provider TATA Sky launched?

- A. Tata Sky Cars
- B. Tata Sky Investments
- C. Tata Sky Beauty
- D. Tata Sky Movies

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Answer: Option C

Q.10: Which artificial protein is being said to block cancer cells and birth defects?

- A. Amino acid Protein
- B. G Protein
- C. C Protein
- D. T Protein

Answer: Option B

Q.11: Scientists have approved the first drug in the US with which type of tracking system?

- A. Blood sugar tracking
- B. Digital ingestion tracking
- C. Heart rate tracking
- D. Both a and b

Answer: Option B

Q.12: India's first satellite Aryabhata was launched from

- A. Soviet Union
- B. America
- C. India
- D. Israel

Answer: Option B

Q.13: First satellite to be placed in orbit by Indian made launch vehicle SLV-3mobile

- A. Aryabhata
- B. Rohini
- C. Bhaskara-1
- D. INSAT

Answer: Option D

Q.14: Total number of satellite launched by India till now

- A. 65
- B. 52
- C. 50
- D. 60

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Answer: Option D

Q.15: India's first Satellite Aryabhata launched by India in the year

- A. 1972
- B. 1980
- C. 1978
- D. 1975

Answer: Option B

Q.16: Who is known as the Father of Indian Space Program

- A. CV Raman
- B. Vikrama Sarabhai
- C. APJ Kalam
- D. Satish Dhawan

Answer: Option A

Q.17: First mobile phone conversion take place in India between

- A. Jyoti Basu and Sukhram
- B. Narasimbha Rao and Sukhram
- C. Ambika Soni and Narasimbha Rao
- D. None of the above

Answer: Option C

Q.18: Internet in India was started by VSNL in the year

- A. 15th August,1992
- B. 15th August,2000
- C. 15th August,1995
- D. 26th August,1997

Answer: Option B

Q.19: Most recent Indian citizen scientist that won a nobel prize in 2009

- A. VS Naipaul
- B. V Ramakrishnan
- C. Amartyan Sen
- D. Mother Teresa

Q.20: First Nuclear Plants in India

- A. Tarapur, Maharashtra
- B. Rawatbhata, Rajasthan
- C. Narora, Uttar Pradesh
- D. Kakrapar, Gujrat

Answer: Option A

Q.21: First Nuclear Reactor made in India

- A. CIRUS
- B. Dhruva
- C. KAMINI
- D. Apsara

Answer: Option D

Q.22: First hydro electric power plant in India

- A. Shimsha
- B. Karnataka
- C. Darjeeling
- D. Satluj

Answer: Option C

Q.23: Which dam withhold the largest water reservoir in India

- A. Bhakra Dam
- B. Indrisagar Dam
- C. Hirakud Dam
- D. Tehri Dam

Answer: Option B

Q.24: ISRO headquarter is located in

- A. Delhi
- B. Chennai
- C. Mumbai
- D. Bangalore

Answer: Option D

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Q.25: India's first unmanned lunar probe Chandrayaan-1 was launch from

- A. Thiruvananthapuram
- B. Wheeler Island
- C. Balasore
- D. Sriharikota

Answer: Option D

Q.26: India's first supercomputer is known as

- A. SAGA
- B. PARAM 8000
- C. EKA
- D. PARAM YUVA

Answer: Option B

Q.27: Who is known as the architect of PARAM series super computers?

- A. Vijay P Bhatkar
- B. S Ramani
- C. SP Mudur
- D. None of the above

Answer: Option A

Q.28: Who is the creator of World's second and India's first test tube baby Durga

- A. Devi Prasad Shetty
- B. Subhash Mukhopadhyay
- C. Pratap Reddy
- D. Naresh Trehan

Answer: Option B

Q.29: Where is the National Institute of Ocean Technology Located?

- A. Mumbai
- B. Vishakhapatnam
- C. Kochin
- D. Chennai

Answer: Option D

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Q.30: Which one is the first IIT established in India

- A. IIT Kharagpur
- B. IIT Mumbai
- C. IIT Chennai
- D. IIT Kanpur

Answer: Option A

Q.31: Bhakra Dam is build on which river

- A. Krishna River
- B. Bhagirathi River
- C. Sutlej River
- D. Brahmaputra River

Answer: Option C

Q.32: In which year Isaac Newton published "Mathematical Principles of Natural Philosoph" for first time

- A. 1682
- B. 1684
- C. 1685
- D. 1687

Answer: Option D

Q.33: Which day is celebrated as National Mathematics Day in India as a respect to S Ramanujan

- A. 17 January
- B. 13 March
- C. 30 August
- D. 22 December

Answer: Option D

Q.34: S Ramanujan is the first indian to be elected as Fellow of which one College

- A. Presidency College
- B. Trinity College
- C. London College
- D. Cambridge College

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Answer: Option B

Q.35: Which number is famously known as Ramanujan-Hardy Number?

- A. 1004
- B. 1992
- C. 1309
- D. 1729

Answer: Option D

Q.36: Which scientist is known as the founder of India's first pharmaceutical company 'Bengal Chemicals & Pharmaceuticals?'

- A. Shivrām Bhoje
- B. Arvind Bhatnagar
- C. Srikumar Banerjee
- D. Prafulla Chandra Ray

Answer: Option D

Q.37: The headquarter of Indian Science Congress Association is located in the city

- A. Kolkata
- B. Mumbai
- C. Pune
- D. Chennai

Answer: Option A

Q.38: Who was the President of the first Indian Science Congress meeting held in Kolkata in 1914?

- A. Prafulla Chandra Roy
- B. J. C. Bose
- C. Ashutosh Mukherjee
- D. Leonard Rogers

Answer: Option C

Q.39: Which one is the biggest planetarium in India?

- A. Birla Planetarium, Hyderabad
- B. Birla Planetarium, Kolkata
- C. Guwahati Planetarium

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D. Nehru Planetarium, Mumbai

Answer: Option B

Q.40: Indian-American scientist Har Gobind Khorana won the Nobel Prize for his contribution in

- A. Physics
- B. Chemistry
- C. Genetics
- D. Mathematics

Answer: Option C

Q.41: Who is founder of Indian Institute of Science, Bangalore?

- A. Sir A.G. Bourne
- B. CV Raman
- C. Vikram Sarabhai
- D. Jamsetji Tata

Answer: Option D

Q.42: Who is the president of the Council of Scientific and Industrial Research

- A. President of India
- B. Vice-President of India
- C. Prime Minister of India
- D. Union Minister of Science and Technology

Answer: Option C

Q.43: Where is the Central Rice Research Institute located

- A. Bengaluru
- B. Kanpur
- C. Coimbatore
- D. Cuttack

Answer: Option D

Q.44: Who constructed the 'Jantar Mantar' in Jaipur

- A. Ram Singh
- B. Man Singh I

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- C. Rana Sanga
- D. Jai Singh II

Answer: Option D

Q.45: Which one is India's first operational remote sensing satellite

- A. IRS-1A
- B. INSAT-1A
- C. GSAT-1
- D. PSLV-D3

Answer: Option A

Q.46: Which one is India's first satellite exclusively used for educational purpose

- A. SARAL
- B. RISAT-1
- C. HAMSAT
- D. EDUSAT

Answer: Option D

Q.47: India's first mission to Moon Chandrayaan-1 was launched from the site

- A. Wheeler Island
- B. Balasore
- C. Sriharikota
- D. None of the above

Answer: Option C

Q.48: Which one is India's First Indigenous Satellite Launch Vehicle

- A. PSLV
- B. ASLV
- C. GSLV
- D. SLV-3

Answer: Option D

Q.49: Who was the first chairman of Indian Space Research Organisation(ISRO)

- A. K kasturirangan
- B. Vikram Sarabhai

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- C. Satish Dhawan
- D. Homi J Bhabha

Answer: Option B

Q.50: Who is known as the father of indian nuclear programme

- A. APJ Abdul Kalam
- B. Raja Ramanna
- C. Homi J Bhabha
- D. Vikram Sarabhai

Answer: Option C

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Q.1: The first nuclear test conducted in India under the code-name of Smiling Buddha in the year

- A. 1973
- B. 1974
- C. 1988
- D. 1996

Answer: Option B

Q.2: The National Academy of Sciences, India is founded in the year

- A. 1920
- B. 1930
- C. 1945
- D. 1956

Answer: Option B

Q.3: Where the Headquarter of National Academy of Sciences, India is located

- (a) Delhi
- (b) Kolkata
- (c) Pune
- (d) Allahabad

Answer: Option D

Q.4: Where the headhunter of Central Institute for Cotton Research is located

- A. Nagpur
- B. Coimbatore
- C. Chennai
- D. Sirsa

Answer: Option A

Q.5: Which one is an India's permanent research station in Antarctica

- A. Ganga
- B. Agni
- C. Maitri

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D. None of the above

Answer: Option C

Q.6: When the first expedition to Antarctica was started by India

- A. 1971
- B. 1975
- C. 1980
- D. 1981

Answer: Option D

Q.7: Who was the leader of the first expedition to Antarctica started by India

- A. Sayed Z Qasim
- B. V K Raina
- C. Harsh K Gupta
- D. Rasik Ravindra

Answer: Option A

Q.8: Which one is the first permanent base station of India in Antarctica

- A. Maitri
- B. Bharat
- C. Dakshin Gangotri
- D. None of the Above

Answer: Option C

Q.9: Total number of indian research station in Antarctica

- A. 3
- B. 5
- C. 2
- D. 6

Answer: Option A

Q.10: Where the headquarter of Indian Statistical Institute is located

- A. Delhi
- B. Kolkata
- C. Amritsar

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D. Bangalore

Answer: Option B

Q.11: In which year, Indian Statistical Institute was established

- A. 1919
- B. 1926
- C. 1931
- D. 1943

Answer: Option C

Q.12: Who is known as the father of electricity?

- A. Alexander Graham Bell
- B. Benjamin Franklin
- C. Michael Faraday
- D. None of the Above

Answer: Option B

Q.13: Which scientist formulated 'the theory of evolution'

- A. Charles Darwin
- B. Isaac Newton
- C. Aristotle
- D. Alexander Fleming

Answer: Option A

Q.14: Who invented telescope

- A. Galileo Galilei
- B. Hans Lipperhey
- C. Copernicus
- D. None of the above

Answer: Option B

Q.15: When the Nobel prizes were first awarded

- A. 1900
- B. 1901
- C. 1907

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D. 1896

Answer: Option B

Q.16: Who is the first woman to win a Nobel prize?

- A. Marie Curie
- B. Irene Joliot-Curie
- C. Gertrude B. Elion
- D. Rosalyn Yalow

Answer: Option A

Q.17: All Nobel Prizes except the Peace Prize is awarded in

- A. Oslo
- B. Stockholm
- C. London
- D. Zurich

Answer: Option B

Q.18: Who is known as the father of evolution?

- A. Gregor Mendel
- B. Otto Hahn
- C. Charles Darwin
- D. Sigmund Freud

Answer: Option C

Q.19: Who has formulated the Periodic Table for chemical element

- A. Dmitri Mendeleev
- B. Georges Cuvier
- C. Pierre Curie
- D. Alfred Wegener

Answer: Option A

Q.20: Albert Einstein received Nobel Prize in the year

- A. 1912
- B. 1915
- C. 1918

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D. 1921

Answer: Option D

Q.21: Who is known as the inventor of Hydrogen Bomb?

- A. Enrico Fermi
- B. George Gamow
- C. Edward Teller
- D. Hans Bethe

Answer: Option C

Q.22: What was the code name of the first nuclear test conducted by USA on 16th July, 1945?

- A. Hurricane
- B. Trinity
- C. RDS-1
- D. None of the above

Answer: Option B

Q.23: How many US patents are in the name of Thomas Alva Edison

- A. 176
- B. 435
- C. 822
- D. 1093

Answer: Option D

Q.24: Who had developed the polio vaccines?

- A. Jonas Salk
- B. Alexander Fleming
- C. Edward Jenner
- D. Howard Florey

Answer: Option A

Q.25: Edward Jenner is famous for the invention of

- A. Penicillin
- B. Smallpox vaccine

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- C. Measles vaccine
- D. None of the above

Answer: Option B

Q.26: Which gas is also known as laughing gas?

- A. Nitrogen
- B. Nitrous Oxide
- C. Chlorine
- D. Methane

Answer: Option B

Q.27: Which gas contains in largest volume in our atmosphere

- A. Oxygen
- B. Carbon
- C. Nitrogen
- D. Argon

Answer: Option C

Q.28: Which one is the largest organ in a human body?

- A. Skin
- B. Liver
- C. Kidney
- D. Lung

Answer: Option A

Q.29: Which blood group is known as 'universal recipients' group?

- A. AB Group
- B. A Group
- C. B Group
- D. O Group

Answer: Option A

Q.30: Which blood group is known as 'universal donors' group?

- A. AB Group
- B. A Group

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- C. B Group
- D. O Group

Answer: Option D

Q.31: Who is known as the inventor of steam engine?

- A. William Murdoch
- B. James Watt
- C. Graham Bell
- D. Michael Faraday

Answer: Option B

Q.32: What is the SI unit of electric current?

- A. Volt
- B. Watt
- C. Ampere
- D. Ohm

Answer: Option C

Q.33: Which vitamin is produced by the sunlight?

- A. Vitamin A
- B. Vitamin B
- C. Vitamin C
- D. Vitamin D

Answer: Option D

Q.34: Total number of chambers in a human heart

- A. 1
- B. 3
- C. 4
- D. 2

Answer: Option C

Q.35: The hardest substance available in the world is

- A. Platinum
- B. Gold

- C. Diamond
- D. Iron

Answer: Option A

Q.36: Which type of instrument is used to measure moisture in the atmosphere?

- A. Barometer
- B. Hydrometer
- C. Hygrometer
- D. None of the above

Answer: Option C

Q.37: What is the SI unit for pressure?

- A. Pascal
- B. Farad
- C. Ohm
- D. Joule

Answer: Option A

Q.38: Who is known as the Father of Biology?

- A. Archimedes
- B. Aristotle
- C. Vesalius
- D. Gustav Fechner

Answer: Option B

Q.39: Who had distinguished the main blood groups in human body?

- A. Simon Flexner
- B. Alexander S. Wiener
- C. Paul Ehrlich
- D. Karl Landsteiner

Answer: Option D

Q.40: Which one is the biggest planet in our solar system?

- A. Earth
- B. Jupiter

- C. Saturn
- D. Mercury

Answer: Option B

Q.41: Which one is the largest natural moon in our solar system?

- A. Callisto
- B. Europa
- C. Ganymede
- D. Amalthea

Answer: Option C

Q.42: Which one is the hottest planet in our solar system?

- A. Mercury
- B. Venus
- C. Mars
- D. Saturn

Answer: Option B

Q.43: Which one is the smallest planet in our solar system?

- A. Mercury
- B. Uranus
- C. Neptune
- D. Saturn

Answer: Option A

Q.44: Which one is the first living creature sent to earth orbit

- A. Abert 1, a monkey
- B. Laika, a dog
- C. Ham, a chimpanzee
- D. Felix, a cat

Answer: Option B

Q.45: Which one is the closest star to our solar system?

- A. Barnard's Star
- B. Ross 154

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- C. Proxima Centauri
- D. Sirius A and B

Answer: Option C

Q.46: Halley's Comet was last appeared on the year

- A. 1972
- B. 1975
- C. 1982
- D. 1986

Answer: Option D

Q.47: What was the name of the spaceflight that carried Neil Armstrong to the moon?

- A. Apollo-5
- B. Apollo-10
- C. Apollo-11
- D. Apollo-203

Answer: Option C

Q.48: In which year Neil Armstrong first landed on the moon

- A. 1965
- B. 1967
- C. 1968
- D. 1969

Answer: Option D

Q.49: Who is the first woman in space?

- A. Valentina Tereshkova
- B. Sally Ride
- C. Kathryn C. Thornton
- D. Judith Resnik

Answer: Option A

Q.50: Who is the first female commander of a space shuttle?

- A. Kalpana Chawla
- B. Eileen Collins

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- C. Sunita Williams
- D. Barbara Morgan

Answer: Option B

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Q.1: Who is the first space tourist?

- A. Dennis Tito
- B. Richard Garriot
- C. Jake Garn
- D. None of the above

Answer: Option A

Q.2: Small pox is caused by

- A. Virus
- B. Bacteria
- C. Fungus
- D. None of the above

Answer: Option A

Q.3: The smallest and functional unit of kidney is known as

- A. Granulocyte
- B. Nephron
- C. Neuron
- D. Granule

Answer: Option B

Q.4: Which one is a water soluble vitamin?

- A. Vitamin A
- B. Vitamin C
- C. Vitamin D
- D. None of the above

Answer: Option B

Q.5: Where the headquarter of NASA is located

- A. Los Angeles
- B. NewYork
- C. Washington
- D. Dallas

Answer: Option C

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Q.6: Which gas is used for flying balloons

- A. Nitrogen
- B. Oxygen
- C. Helium
- D. None of the above

Answer: Option C

Q.7: Which one is the nearest planet to the earth

- A. Saturn
- B. Venus
- C. Mars
- D. Jupiter

Answer: Option B

Q.8: Deficiency disease Scurvy is caused by the lack of

- A. Vitamin A
- B. Vitamin B
- C. Vitamin C
- D. Vitamin K

Answer: Option C

Q.9: Which one is first surface to surface missile in India

- A. Akash
- B. Trishul
- C. Nag
- D. Prithvi

Answer: Option D

Q.10: Total number of chromosome per cell in human body

- A. 46
- B. 22
- C. 20
- D. 36

Answer: Option A

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Q.11: The vitamin that helps in the clotting of blood is

- A. Vitamin A
- B. Vitamin B
- C. Vitamin C
- D. Vitamin K

Answer: Option D

Q.12: Who discovered cells (building blocks of life)

- A. Christopher Wren
- B. Matthias Jakob Schleiden
- C. Robert Hooke
- D. Theodor Schwann

Answer: Option C

Q.13: Which instrument is used to measure the intensity of earthquakes

- A. Oscilloscope
- B. Seismograph
- C. Inclinator
- D. Interferometer

Answer: Option B

Q.14: The density of milk is measured by

- A. Lactometer
- B. Hydrometer
- C. Saccharometer
- D. None of the above

Answer: Option A

Q.15: Total how many SI units are define by 'International System of Units (SI)'

- A. 5
- B. 6
- C. 7
- D. 11

Answer: Option C

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Q.16: Total number of bones in a human rib cage

- A. 22
- B. 16
- C. 12
- D. 24

Answer: Option D

Q.17: Total number of bones in a human spine

- A. 33
- B. 26
- C. 52
- D. 21

Answer: Option A

Q.18: India's first dedicated navigation satellite IRNSS-1A was launched from

- A. Sriharikota
- B. Ahmedabad
- C. Thiruvananthapuram
- D. Balasore

Answer: Option A

Q.19: INSAT-3D, India's newest weather satellite in 2013 was launched from

- A. Russia
- B. USA
- C. French
- D. India

Answer: Option C

Q.20: Who first performed the world's first successful human-to-human heart transplant.

- A. Norman Shumway
- B. Christiaan Barnard
- C. C. Walton Lillehei
- D. None of the above

Answer: Option B

Science Technology Set-9

Q.21: What was the name of the first space shuttle on which Kalpana Chawla flew to space in 1997?

- A. Atlantis
- B. Endeavour
- C. Columbia
- D. Discovery

Answer: Option C

Q.22: On which year the disaster of Space Shuttle Columbia happened in which accident Kalpana Chawla died

- A. 2001
- B. 2003
- C. 2005
- D. 1998

Answer: Option B

Q.23: Which one is the only movable bone in the human skull?

- A. Maxilla
- B. Vomer
- C. Mandible
- D. Lacrimal Bone

Answer: Option C

Q.24: In which year did Yuri Gagarin become the first person in space?

- A. 1956
- B. 1961
- C. 1964
- D. 1965

Answer: Option B

Q.25: How many edges are in an 'icosagon'?

- A. 5
- B. 10
- C. 15
- D. 20

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Answer: Option D

Q.26: Which one is the largest part of human brain?

- A. Cerebrum
- B. Cerebellum
- C. Brain Stem
- D. Hippocampus

Answer: Option A

Q.27: Total number of bone in the human skull

- A. 12
- B. 16
- C. 22
- D. 32

Answer: Option C

Q.28: Which cells are responsible to send and receive electro-chemical signals to and from the brain?

- A. Axon
- B. Neurons
- C. Stem cells
- D. None of the above

Answer: Option B

Q.29: How many points are there on a pentagram?

- A. 3
- B. 4
- C. 5
- D. 7

Answer: Option C

Q.30: One celsius is equal to how many fahrenheit

- A. 28.3
- B. 30.8
- C. 32
- D. 33.8

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Answer: Option D

Q.31: At what temperature is Fahrenheit equal to Centigrade?

- A. 6 degrees
- B. -12 degrees
- C. -40 degrees
- D. -50 degrees

Answer: Option C

Q.32: What is the chemical symbol of Gold?

- A. Au
- B. Ag
- C. C
- D. Gd

Answer: Option A

Q.33: In the Periodic Table, how many elements are found naturally

- A. 74
- B. 87
- C. 98
- D. 102

Answer: Option C

Q.34: Total number of elements currently in the Periodic Table

- A. 98
- B. 112
- C. 118
- D. 122

Answer: Option C

Q.35: When the Periodic Table was first published by Dmitri Mendeleev

- A. 1869
- B. 1872
- C. 1890
- D. 1902

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Answer: Option A

Q.36: Pure water has a ph level of around

- A. 5
- B. 7
- C. 8
- D. 13

Answer: Option B

Q.37: Which one is the first element of Periodic Table

- A. Carbon
- B. Nitrogen
- C. Hydrogen
- D. Iron

Answer: Option C

Q.38: Aedes aegypti mosquito bite can caused

- A. Malaria
- B. Dengue
- C. Yellow Fever
- D. Filariasis

Answer: Option B

Q.39: Sound cannot be reflected by

- A. Mercury
- B. Solid
- C. Liquid
- D. Vacuum

Answer: Option D

Q.40: The outermost layer of Sun is called

- A. Photosphere
- B. Chromosphere
- C. Corona
- D. Granule

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Answer: Option C

Q.41: What is the speed of light?

- A. 279 398 876 m/s
- B. 299 792 458 m/s
- C. 133 665 326 m/s
- D. 279 133 992 m/s

Answer: Option B

Q.42: What is the speed of sound

- (a) 210.48 m/s
- (b) 321 m/s
- (c) 340.29 m/s
- (d) 389.12 m/s

Answer: Option C

Q.43: Which of the following is used in pencils?

- A. Silicon
- B. Graphite
- C. Phosphorous
- D. None of the above

Answer: Option B

Q.44: Which gas is usually filled in the electric bulb?

- A. Hydrogen
- B. Oxygen
- C. Carbon Dioxide
- D. Nitrogen

Answer: Option D

Q.45: Which gas is used to dissolved under pressure in soda water

- A. Hydrogen
- B. Oxygen
- C. Carbon Dioxide

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D. Nitrogen

Answer: Option C

Q.46: Which one of the following gas is not found in LPG cylinder?

- A. Argon
- B. Methane
- C. Butane
- D. Propane

Answer: Option A

Q.47: The filament of an electric bulb is made of

- A. Iron
- B. Tungsten
- C. Graphite
- D. None of the above

Answer: Option B

Q.48: Which element has the highest electronegativity?

- A. Francium
- B. Gallium
- C. Copper
- D. Flourine

Answer: Option D

Q.49: Which one of the following types of solar radiation does sunscreen protect the skin from

- A. X-ray
- B. Infrared
- C. Ultraviolet
- D. Microwaves

Answer: Option C

Q.50: What gas is the main cause of rise in temperatures in the atmosphere?

- A. Hydrogen
- B. Helium

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- C. Carbon-dioxide
- D. Radon

Answer: Option C

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Q.1: Glass is made of the mixture of

- A. Sand and Silicates
- B. Mica and Quartz
- C. Salt and Silicates
- D. None of the above

Answer: Option A

Q.2: Karosene is a mixture of

- A. Hydrocarbons
- B. Hydrogen Peroxide
- C. Carbohydrates
- D. None of the above

Answer: Option A

Q.3: Heavy Water is normally used in the following types of industries

- A. Sugar Plants
- B. Pharma Industry
- C. Nuclear Power Plants
- D. Paper Industry

Answer: Option C

Q.4: Solutions with a pH level greater than 7 are known as

- A. Acidic
- B. Alkaline
- C. Pure Water
- D. None of the above

Answer: Option B

Q.5: What is the general pH level at human skin?

- A. 3.2
- B. 3.9
- C. 4.7
- D. 5.5

Answer: Option D

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Q.6: Deuterium oxide is also known as

- A. Soda water
- B. Heavy Water
- C. Distilled water
- D. None of the above

Answer: Option B

Q.7: The blue color of the clear sky is due to _____ of light

- A. Reflection
- B. Refraction
- C. Diffraction
- D. Dispersion

Answer: Option D

Q.8: Bleaching powder is also chemically known as

- A. Calcium sulphate
- B. Calcium Carbonate
- C. Calcium hypochlorite
- D. Sodium hydroxide

Answer: Option C

Q.9: Which one is the closet Satellite to the parent planet in our solar system?

- A. Hyperion
- B. Phobos
- C. Charon
- D. Moon

Answer: Option B

Q.10: Which planet is also known as morning star and evening star?

- A. Mercury
- B. Neptune
- C. Venus
- D. Uranus

Answer: Option C

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Q.11: Which planet in the solar system is also known as red planet?

- A. Mars
- B. Urenus
- C. Venus
- D. Neptune

Answer: Option A

Q.12: The list of endangered species is released by

- A. IUCN
- B. WWW
- C. UN
- D. BBC

Answer: Option A

Q.13: The color of tomatoes is due to the presence of

- A. Vitamins
- B. Mineral Salts
- C. Carotenoids
- D. Flavanoids

Answer: Option D

Q.14: Which part of the body is affected by the trachoma disease

- A. Lungs
- B. Kidneys
- C. Eye
- D. Liver

Answer: Option A

Q.15: Radiowaves are reflected back to earth from which layer

- A. Exosphere
- B. Ionosphere
- C. Troposphere
- D. Stratosphere

Answer: Option B

Q.16: Which fuel is used in gas welding?

- A. LPG
- B. Methane
- C. Ethylene
- D. Acetylene

Answer: Option D

Q.17: Lipids are

- A. carbohydrates occurring in plants
- B. fats of natural origin
- C. nucleic acids occurring in plants
- D. proteins occurring in animals

Answer: Option B

Q.18: If a ship moves from freshwater to seawater, it will

- A. sink completely
- B. sink a little bit
- C. raise a little higher
- D. remain unaffected

Answer: Option C

Q.19: Coriolis force is maximum at

- A. Equators
- B. Poles
- C. Oceans
- D. None of the above

Answer: Option A

Q.20: Polio is caused by the infection of which of the following

- A. Gram+ve bacteria
- B. Fungi
- C. RNA Virus
- D. DNA Virus

Answer: Option C

Science Technology **Set-10**

Q.21: Which of the following is measured by "Anemometer?"

- A. Velocity of Water flow
- B. Depth of Water
- C. Speed of Wind
- D. Intensity of light

Answer: Option C

Q.22: Which of the following is measured by "Ohmmeter"?

- A. Electrical Resistance
- B. Electric Energy
- C. Magnetic field
- D. Air Pressure

Answer: Option A

Q.23: Biogas is a mixture of

- A. Methane and carbon dioxide
- B. Methane and carbon monoxide
- C. Methane and nitrogen
- D. Methane and nitrous oxide

Answer: Option A

Q.24: The average life span of Red Blood Cell is

- A. 3-4 days
- B. 120 days
- C. 12 days
- D. Never die

Answer: Option B

Q.25: Chemically, dry ice is

- A. ice formed from pure distilled water
- B. solid carbon dioxide
- C. solid sulphur dioxide
- D. ice kept at sub-zero temperatures

Answer: Option B

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Q.26: Cooking gas is a mixture of

- A. carbon monoxide and carbon dioxide
- B. butane and propane
- C. methane and ethylene
- D. carbon dioxide and oxygen

Answer: Option B

Q.27: The confirmation test for AIDS is

- A. X-ray
- B. Biopsy
- C. Western blot
- D. ELISA

Answer: Option C

Q.28: Natural system of classification was proposed by _____ botanists

- A. Swedish
- B. British
- C. Indian
- D. German

Answer: Option B

Q.29: The most suitable unit for expressing nuclear radius is

- A. Angstrom
- B. Micron
- C. Nanometre
- D. Fermi

Answer: Option A

Q.30: Which of the following Scientist proved that the path of each planet around the Sun is elliptical?

- A. Newton
- B. Copernicus
- C. Kepler
- D. Galileo

Answer: Option C

Science Technology **Set-10**

Q.31: The "King of Metals" is

- A. Iron
- B. Aluminium
- C. Silver
- D. Gold

Answer: Option D

Q.32: Who discovered the link between electricity and magnetism

- A. Diesel
- B. Michael Faraday
- C. Volta
- D. Maxwell

Answer: Option B

Q.33: Glaucoma affects the _____

- A. Pancreas
- B. Eyes
- C. Ear
- D. Intestine

Answer: Option B

Q.34: Entomology is the science that studies

- A. Human Behaviors
- B. Birds
- C. Insects
- D. The formation of rocks

Answer: Option C

Q.35: Saliva helps in the digestion of

- A. Fats
- B. Starch
- C. Proteins
- D. Vitamins

Answer: Option B

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Q.36: Sea Breeze is formed during

- A. Day Time
- B. Night Time
- C. Both Day and Night
- D. Seasonal

Answer: Option A

Q.37: A sudden fall in the barometer reading indicates

- A. Rain
- B. Stormy weather
- C. Fine weather
- D. Hot weather

Answer: Option B

Q.38: Diabetes is caused by dysfunctioning of

- A. Liver
- B. Lung
- C. Pancreas
- D. Kidney

Answer: Option C

Q.39: Which gas is used for artificial ripening of green fruits

- A. Ether
- B. Acetylene
- C. Ammonia
- D. Ethylene

Answer: Option B

Q.40: The hormone insulin is a

- A. Glycolipid
- B. Fatty acid
- C. Peptide
- D. Sterol

Answer: Option A

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Q.41: In which organ of the human body, lymphocyte cells are formed

- A. Spleen
- B. Pancreas
- C. Long Bone
- D. Liver

Answer: Option C

Q.42: The pH value of blood is

- (a) 5.0
- (b) 7.4
- (c) 8.9
- (d) 9.1

Answer: Option B

Q.43: The full form of HIV is

- A. Human Immunodeficiency Virus
- B. Human Interactive System
- C. Human Immune Virus
- D. Human Immunopositive Virus

Answer: Option A

Q.44: Cerebral Malaria is caused by

- A. Plasmodium Ovale
- B. Plasmodium falciparum
- C. Plasmodium Malariae
- D. None of the above

Answer: Option B

Q.45: The International Astronomical Union (IAU) has named two mountains ranges on the dwarf planet Pluto-after whom?

- A. Tenzing Norgay and Arunima Sinha
- B. Arunima Sinha and Edmund Hillary
- C. Edmund Hillary and Kalpana Chawla

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D. Tenzing Norgay and Edmund Hillary

Answer: Option D

Q.46: Sound become noise pollution at

- A. 35 dB
- B. 60 dB
- C. 80 dB
- D. 100 dB

Answer: Option C

Q.47: Homeopathy was discovered by

- A. Samuel Hahnemann
- B. James Tyler Kent
- C. Robert Ellis Dudgeon
- D. Constantine Hering

Answer: Option A

Q.48: The planet of the solar system which does not have a satellite is

- A. Mars
- B. Mercury
- C. Neptune
- D. Uranus

Answer: Option B

Q.49: The first successfully cloned animal is

- A. Cow
- B. Mice
- C. Sheep
- D. Rabbit

Answer: Option C

Q.50: Which carbohydrate is rich in Honey?

- A. Glucose
- B. Galactose
- C. Fructose

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D. Sucrose

Answer: Option C

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