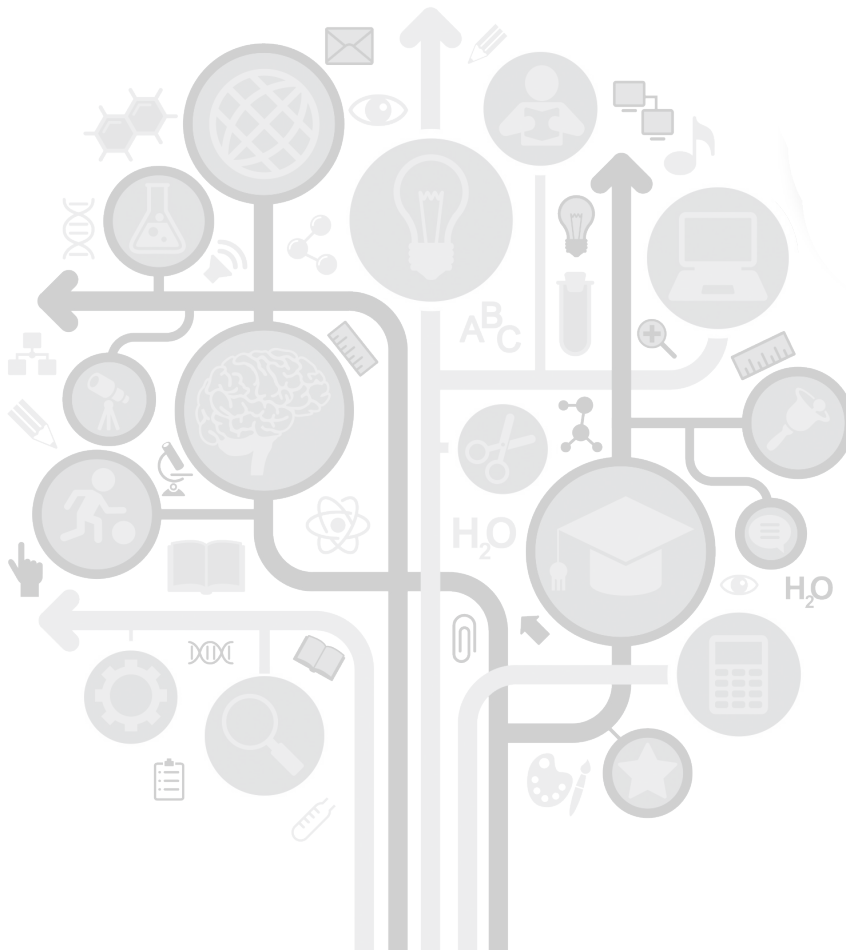




Eupheus
Learning

PRACTICE BOOK



7

The G.K. Olympiad series is an initiative of International Society for Olympiad (ISFO)

International Society for Olympiad acknowledges the contribution of all its authors, content writers and designers in the creation of this book.

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Preface

General Knowledge has an immense importance in our lives. Though it is not one of the mainstream subjects in our schooling systems, it is a large part of all competitive and talent exams.

Keeping this in mind, this workbook is designed to enable students to explore all areas that would fall under the vast scope of 'General Knowledge'. Designed in accordance with the requirements of the GK Olympiad, the workbook is a comprehensive resource for the ISFO – International General Knowledge Olympiad.

This book consists of three sections:

- **General Awareness:** This section deals with the aspects in the field of Science, Language and Literature, Entertainment and General Studies. It is designed to provide knowledge and practice in the vast field it covers.
- **Building Life Skills:** This section concerns itself with sensitising students with the moral values and life skills.
- **BrainBox:** Questions to prepare students with Higher Order Thinking Skills (HOTS), based on the rest of the syllabus are included in this section.





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Nature and Its Glory

1. **This animal never drinks water. Water is formed in its body when food combines with oxygen. Name the animal.**
 - a. king cobra b. hookworm
 - c. kangaroo rat d. harpy eagle
2. **_____ is the only mammal with scaly skin. Its name is derived from a word in the Malay language meaning 'something capable of rolling up'.**
 - a. capybara b. pangolin
 - c. okapi d. beaver
3. **It is found in the North Atlantic Ocean. It spends most of its time breaking the surface of the sea with its dorsal fins. It is the world's second largest fish. Name the animal.**
 - a. basking shark
 - b. humpback whale
 - c. blue whale
 - d. thresher shark
4. **This large bird of Australia can be very aggressive at times and can attack a person with its dagger like claws. This makes it the most dangerous bird in the world. Name the bird.**
 - a. ostrich
 - b. hawk
 - c. flamingo
 - d. cassowary
5. **Needle-like leaves with branches sloping downwards are typical of plants in the Taiga habitat. Such leaves allow snow to slide down easily. These plants are _____.**
 - a. pinus b. lianas
 - c. cactus d. eucalyptus
6. **Which of the following types of forests accounts for most of the total forest area in the world?**
 - a. deciduous b. broad leaved
 - c. littoral d. coniferous
7. **What type of climate produces hot wet forests?**
 - a. equatorial type
 - b. tropical type
 - c. temperate type
 - d. none of these
8. **Which of the following animals has a movable upper jaw?**
 - a. kangaroo rat
 - b. lion
 - c. rhinoceros
 - d. crocodile
9. **Trees that lose all of their leaves at the same time every year are called _____.**
 - a. tropical
 - b. evergreen
 - c. deciduous
 - d. none of the above

10. These plants are found in Tundra. They are small, dark in colour and covered with hair to keep them warm.
- cactus
 - mosses
 - sunflower
 - pinus
11. This octopus is found in tropical waters of western Pacific Ocean. It carries coconut or sea shells for its protection. It has a bright coloured boundary on its legs. It is _____.
- Atlantic pygmy octopus
 - blue ringed octopus
 - veined octopus
 - none of these
12. This is the largest known species of jelly fish. It is largely confined to cold waters of the Arctic, Northern Atlantic and Northern Pacific Oceans. The diameter of its belly is about 2.5 metres and tentacles are as long as 30 metres.
- lion's mane jellyfish
 - tiger mane jellyfish
 - leopard mane jellyfish
 - atolla jellyfish
13. An aquatic animal that changes its shape, colour and even gender during its lifetime is:
- lined chiton
 - hat jelly
 - parrot fish
 - blue tang
14. Opium is a plant product obtained from which body part of the plant, opium poppy?
- dried leaves
 - dried roots
 - stem
 - seed pods
15. These organisms contaminate drinking water. If they are present in larger concentration, they produce neurotoxin that can cause paralysis. They are _____.
- salmonella
 - legionella
 - cyanobacteria
 - cryptosporidium
16. This animal looks like a decaying leaf. It is found in Madagascar.
- satanic leaf-tailed gecko
 - leafy sea dragon
 - glass frog
 - olm
17. He is regarded as the Father of Modern Physics. He received the Nobel Prize in 1921 for Physics. After his death, his brain was extracted from his body. His IQ was 160. Identify him.
- J.C. Bose
 - Albert Einstein
 - C.V. Raman
 - Newton
18. Which of the following features protects seaweed from powerful waves?
- its size
 - its slimy texture
 - its toughness and flexibility
 - its colour

19. The bacteria responsible for typhoid fever is-
- Salmonella typhi*
 - Shigella*
 - Pseudomonas*
 - Mycobacterium*
20. These trees shed parts of bark revealing a bright green layer underneath. The inner bark then darkens and matures into shades of blue, orange and maroon.
- dragon blood trees
 - rainbow eucalyptus trees
 - dodda alada mara
 - baobab trees
21. _____ are the tallest species of trees in the world. These trees can live for prolonged period of time, about more than 100 years.
- baobab trees
 - redwood trees
 - dodda alada trees
 - dragon blood trees
22. Which of these plants cannot produce its own food?
- mistletoe
 - cucumber
 - mango
 - oak
23. It helps to fight viral infection such as cough and cold. It has antiseptic properties.
- colocasia
 - cumin
 - turmeric
 - all of these
24. Dachigam National Park is situated in-
- Karnataka
 - Madhya Pradesh
 - Assam
 - Jammu and Kashmir
25. Madhav National Park is situated in-
- Uttarakhand
 - Madhya Pradesh
 - Jharkhand
 - Uttar Pradesh
26. It is the fast growing aquatic plant. It covers the surface of water bodies where it grows. This cuts off the supply of oxygen to the water, which is necessary for the survival of aquatic animals.
- duckweed
 - water lily
 - water hyacinth
 - rafflesia
27. What is the world's most expensive spice that comes from the dry stigma of the flowers of *Crocus Sativus*?
- cardamom
 - saffron
 - cloves
 - cinnamon
28. Which of the following is an example of stone fruit?
- lychee
 - strawberry
 - grapes
 - banana

29. It is the fibre obtained from the plant. It was probably the earliest plant cultivated for textile. Name the plant.
- jute plant
 - flax plant
 - hemp plant
 - cotton plant
30. This desert plant consists of many flat pads with small sharp barbs. It bears red-to-lavender flowers with many petals that bloom from March to June.
- star cactus
 - elephant tree
 - dragon's blood tree
 - beavertail cactus
31. The world's first National Park established in the USA in 1872 is_____.
- Wrangell - St. Elias
 - Yellowstone
 - Everglades
 - none of these
32. This amphibian is known by its bright colours. It is very poisonous. Its poison is so powerful that it can cause paralysis or even death.
- coral snake
 - basilisk
 - poison dart frog
 - macaw
33. 'Black Death' was a devastating epidemic caused by the bacterium *Yersinia pestis*. It killed approximately 30% - 60% of a continent's population within a period of 3 years, 1347-1350. In which continent did it happen?
- Africa
 - Australia
 - Asia
 - Europe

Darken your choice with HB pencil

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Mapping The World

1. **The capital and currency of Brazil is _____.**
 - a. Bogota, Dinar
 - b. Brasilia, Dinar
 - c. Lusaka, Real (BRL)
 - d. Brasilia, Real (BRL)
2. **Colombo, the capital of Sri Lanka is renamed as _____.**
 - a. Sri Jayawardenepura Kotte
 - b. Sri Jayawardhana
 - c. Sri Kenyan Shilling
 - d. Wellington
3. **Dollar is the currency of _____.**
 - a. USA
 - b. Zimbabwe
 - c. Ecuador
 - d. all of these
4. **The capital of Morocco is _____.**
 - a. Lima
 - b. Lusaka
 - c. Rabat
 - d. Pretoria
5. **The world's largest one-man art collection museum is _____.**
 - a. American Museum of Natural History, USA
 - b. Salar Jung Museum, India
 - c. Egyptian Museum, Egypt
 - d. Vatican Museum, Vatican City
6. **Madame Tussauds is a famous wax statue museum. It is in _____.**
 - a. New York
 - b. Cairo
 - c. Paris
 - d. London
7. **_____ was built by the British as a trading post in 1644. It is believed to be the first establishment of the British in India.**
 - a. Fort St. George, Chennai
 - b. The Victoria Memorial, Kolkata
 - c. The Gateway of India, Mumbai
 - d. India Gate, Delhi
8. **The Chhatrapati Shivaji Terminus was earlier known as _____.**
 - a. Queen Mary Terminus
 - b. King George Terminus
 - c. Victoria Terminus
 - d. Lord Curzon Terminus
9. **The Arabs were the first people who discovered these islands in the Indian Ocean, in 975 CE.**
 - a. Bermuda
 - b. Mauritius
 - c. Cuba
 - d. Bahamas
10. **Philippines was discovered by:**
 - a. Christopher Columbus
 - b. Vasco da Gama
 - c. Diego Diaz
 - d. Ferdinand Magellan

11. The border between Pakistan and Afghanistan is called _____.
a. McMohan Line
b. Redcliffe Line
c. Durand Line
d. 49th Parallel
12. Oder Neisse Line was drawn after World War II between:
a. Germany and Poland
b. Germany and France
c. Germany and Canada
d. India and China
13. In which country do people greet each other by saying 'Ni-hao'?
a. Japan
b. China
c. Korea
d. Malaysia
14. On which continent is Mt. Erebus situated?
a. Asia
b. Antarctica
c. South America
d. North America
15. The Murray–Darling River System is an important river system of which country?
a. England
b. Australia
c. Canada
d. USA
16. This lady was born with the ability to see and hear, but an early childhood illness left her blind and deaf. She overcame her disabilities to become an author, political activist and lecturer. She was the first deaf-blind person to hold a Bachelor of Arts degree. Name the lady.
a. Mary Shelley
b. Marlee Matlin
c. Helen Keller
d. Rosa Parks
17. In which of these countries would you find Tierra del Fuego National Park?
a. Chile
b. Argentina
c. Brazil
d. Ecuador
18. The native culture of New Zealand is:
a. Caddo
b. Vedda
c. Guale
d. Māori
19. Which of the following is known as the 'Playground of Europe'?
a. France
b. Switzerland
c. Italy
d. Poland
20. What is the height of Mount Everest?
a. 8200 metres
b. 8672 metres
c. 8848 metres
d. 8815 metres

21. Official residence of the Prime Minister of Canada is _____.

- a. 24 Sussex Drive
- b. Kremlin
- c. Blue house
- d. 10 Downing Street

22. Headquarters of Reuters is in:

- a. Moscow b. Paris
- c. Tokyo d. London

23. An explorer from Iceland, he discovered the continent of North America.



- a. Eric the Red
- b. Larry Page
- c. Larry Ellison
- d. Leif Erikson

24. Who was the first female aviator to fly solo across the Atlantic Ocean?

- a. Amelia Earhart
- b. Ruth Elderz
- c. Amy Johnson
- d. Bessie Coleman

25. The largest city of South Korea is:

- a. Gyeryong
- b. Sacheon
- c. Seoul
- d. Geoje

26. Sydney is the _____.

- a. hottest city of Australia
- b. largest city of Australia
- c. smallest city of Australia
- d. coldest city of Australia

27. Aquadom is the world's largest cylindrical aquarium. It is 25 m high, with a capacity of 260,000 gallons of water and over 2500 fishes. It is in _____.

- a. Perth b. Dubai
- c. Dublin d. Berlin

28. On which continent are the following rivers located?

ORANGE, LIMPOPO, SENEGEL

- a. Antarctica
- b. Africa
- c. Europe
- d. Australia

29. _____ is one of the greatest museums of human history and culture. It is in London.

- a. British Museum
- b. Uffizi Gallery
- c. Salar Jung Museum
- d. Madame Tussauds

30. It is the only castle in the world which is integrated in a cave.

- a. Malbork Castle
- b. Prague Castle
- c. Predjama Castle
- d. Matsumoto Castle

31. The oldest palace in Portugal that stands on the top of a hill is:

- a. Mont Saint Michel
- b. The Lowenburg Palace
- c. The Potala Palace
- d. Palacio da Pena

32. The world's largest active volcano is _____.

- a. Mount St. Helens
- b. Mauna Loa
- c. Manna Kea
- d. Mauna Hualalai

33. This is one of the India's largest temples. It is situated in Srirangam, Tamil Nadu. It is the most significant among the temples of Lord Vishnu in India.



- a. Seshagiri Mandapam
- b. Meenakshi Temple
- c. Sun Temple
- d. Chennakeshava Temple

34. Antarctica is surrounded by three oceans. Which among the following does not surround the Antarctica?

- a. Indian
- b. Pacific
- c. Atlantic
- d. Southern

35. The country/countries which does/do not have military forces.

- a. Mauritius
- b. Samoa
- c. Vatican City
- d. all of these

Darken your choice with HB pencil

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
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- 32. (a) (b) (c) (d)
- 33. (a) (b) (c) (d)
- 34. (a) (b) (c) (d)
- 35. (a) (b) (c) (d)

Sports and Games

1. Which country will host the Summer Olympics in 2020?
 - a. China
 - b. Sri Lanka
 - c. Japan
 - d. Nepal
2. Sakshi Malik won a bronze medal in the Rio Olympics in 2016. For which state has she been appointed as a brand ambassador?
 - a. Uttar Pradesh
 - b. Punjab
 - c. Bihar
 - d. Haryana
3. Who won the Best Young Player FIFA 2018 award?
 - a. Kylian Mbappe
 - b. Harry Kane
 - c. Thibaut Courtois
 - d. Luca Modric
4. Where is Carrara Stadium located?
 - a. India
 - b. China
 - c. London
 - d. Australia
5. Who was the founder of Modern Olympics?
 - a. Phidias
 - b. Alexander
 - c. L. Aemilius
 - d. Baron Pierre de Coubertin
6. With which of the following sports is the Murugappa Gold Cup associated?
 - a. tennis
 - b. chess
 - c. hockey
 - d. football
7. Where were the first Olympic Games held?
 - a. Athens
 - b. Olympia
 - c. Antwerp
 - d. Barcelona
8. What does the Olympic flame symbolise?
 - a. harmony
 - b. continuity
 - c. challenge
 - d. respect
9. In which year was the Olympic flag raised for the first time?
 - a. 1900
 - b. 1915
 - c. 1920
 - d. 1924
10. What is the meaning of the Olympic motto: Citius, Altius, Fortius?
 - a. faster, higher, stronger
 - b. braver, faster, higher
 - c. higher, stronger, faster
 - d. stronger, braver, faster

11. Taekwondo is a Korean martial art. In American Taekwondo Association, how many degrees of black belts are there?

- a. 5 b. 6
- c. 9 d. 13

12. Which female cricketer has been inducted to the ICC Cricket Hall of Fame 2018?

- a. Enid Bakewell
- b. Debbie Hockley
- c. Belinda Clark
- d. Claire Taylor

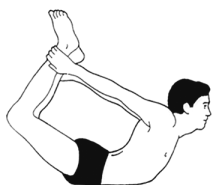
13. How many players are there on each side in the game of baseball?

- a. 6 b. 7
- c. 8 d. 9

14. Which of the following is one of the 5 principles of yoga by Sivananda?

- a. Savasana b. Bhakti
- c. Tantra d. Inana

15. Identify the yogasana shown in the picture.



- a. Halasana b. Dhanurasana
- c. Navasana d. Dandasana

16. Epee, foil and sabre are some of the equipment used in this sport.

- a. fencing
- b. canoeing
- c. bowling
- d. lawn tennis

17. Slalom, marathon, polo and sprint are different categories of a water sport. Name this water sport.

- a. kite surfing b. scuba diving
- c. snorkeling d. canoeing

18. A core sport in Commonwealth Games, balls are rolled in this sport in such a way that they stop near a smaller ball called 'Jack'. This sport is _____.

- a. polo b. lawn bowling
- c. quidditch d. rugby

19. The martial art that originated in Punjab is called _____.

- a. aikido b. judo
- c. gatka d. none of these





20. The first FIFA Club World Cup was played in _____.

- a. England in 1999
- b. USA in 2000
- c. Brazil in 1999
- d. Brazil in 2000

21. Some of the football clubs are given with the countries. Match them correctly and choose the correct answer.

Club	Countries
1. Sao Paulo	i) Italy
2. LA Galaxy	ii) Spain
3. AS Roma	iii) USA
4. Barcelona	iv) Brazil

- a. 1. (iii), 2. (iv), 3. (i), 4. (ii)
- b. 1. (i), 2. (ii), 3. (iv), 4. (iii)

- c. 1. (iv), 2. (iii), 3. (i), 4. (ii)
d. 1. (ii), 2. (iii), 3. (iv), 4. (i)
22. Which famous cricketer was popularly called 'Little Master'?
- Sachin Tendulkar
 - Hansie Cronje
 - Sunil Gavaskar
 - Shane Warne
23. Which region has been invited by the Olympic Council of Asia to participate in 2022 Asian Games for the first time?
- Macao
 - Oceania
 - Norway
 - None of these
24. _____ is the greatest basketball player ever. He has won NBA championships and is 10-time NBA scoring champ.
- Michael Jordan
 - Micheal Phelps
 - Pele
 - Mark Allen
25. Geet Sethi, Wilson Jones and Michael Ferreira are associated with which game?
- football
 - billiards
 - polo
 - table tennis
26. Where were the Asian Games held for the first time in 1951?
- New Delhi, India
 - Tokyo, Japan
 - Bangkok, Thailand
 - Tehran, Iran
27. Mohan Bagan is a renowned team in _____.
- cricket
 - hockey
 - football
 - kabaddi
28. Westchester Cup is associated with which sport?
- golf
 - polo
 - lawn tennis
 - hockey
29. This cup/trophy is associated with golf.
- Augusta Masters
 - Walker Cup
 - Ryder Cup
 - All of these
30. The 2022 Commonwealth Games will be held in _____.
- England
 - Austria
 - India
 - Germany
31. In 2022, which city will become the only city that would have held both the summer and winter Olympic games?
- Tokyo
 - Seoul
 - Beijing
 - Delhi
32. Each FIFA World Cup since 1966 has its own mascot. Zabivaka was used in Russia in 2018. Identify it.
- 
 - 
 - 
 - 

33. It is a major tennis tournament held over two weeks between late May and early June. It is often referred as Roland Garrors. This tournament is:

- a. Australian open
- b. French open
- c. The US open
- d. Wimbledon

34. Which of the following tennis tournament is still played on grass?

- a. Australian Open
- b. French Open
- c. The US Open
- d. Wimbledon

35. Name the country which has won the ICC Cricket World Cup tournament five times.

- a. Australia
- b. South Africa
- c. Sri Lanka
- d. Pakistan

36. S Vijayalakshmi is associated with which of the following sports?

- a. cricket
- b. chess
- c. badminton
- d. golf

37. The dimension of a rectangular ping pong table is _____.

- a. 9 by 5 feet
- b. 9 by 7 feet
- c. 10 by 7 feet
- d. 8 by 3 feet





Darken your choice with HB pencil

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35. (a) (b) (c) (d)
36. (a) (b) (c) (d)
37. (a) (b) (c) (d)

1. The Indian female author, best known for her novel 'The God of Small Things', won the Man Booker Prize for Fiction in 1997, is:
 - a. Anita Nair
 - b. Kamala Das
 - c. Arundhati Roy
 - d. Kiran Desai
2. 'Chitra Banerjee' is awarded the American Book Award for this book.
 - a. Cry, the Peacock
 - b. The Tree Bride
 - c. The Namesake
 - d. Arranged Marriage
3. The Shanti Swarup Bhatnagar Award is awarded for the excellence in which field?
 - a. music
 - b. theatre
 - c. science
 - d. fine arts
4. Shah Jahan built this fort in the 17th century.
 - a. 
 - b. 
 - c. 
 - d. 
5. This temple is known as the Temple of Seven Hills.
 - a. Sun Temple
 - b. Meenakshi Temple
 - c. Somnath Temple
 - d. Venkateswara Temple
6. Name the term used for the resolution introduced by opposition, claiming that the government in power has lost its confidence to rule.
 - a. Zero hour
 - b. No-confidence motion
 - c. Question hour
 - d. None of these
7. Name the mathematician who gave the four methods of multiplication and gave the solution of the general linear equation.
 - a. Brahmagupta
 - b. Varahamihira
 - c. Aryabhatta
 - d. Shridhara
8. Where is Rajiv Gandhi International Airport situated?
 - a. Goa
 - b. Chennai
 - c. Hyderabad
 - d. New Delhi
9. The National Rail Museum, New Delhi was set up in the year _____.
 - a. 1911
 - b. 1935
 - c. 1947
 - d. 1977

10. He has been described as 'Father of Indian IT Sector' by Time magazine. He co-founded Infosys Technologies. He has been honoured with the Padma Vibhushan and Legion of Honour Awards. Who is he?
- JRD Tata
 - Narayana Murthy
 - Dhirubhai Ambani
 - Dr P C Reddy
11. The largest inland lake in India is situated in Rajasthan. This lake has been designated as Ramsar site because the wetland is the home of many migrating birds including the flamingo. Name the lake.
- Wular lake
 - Chilika lake
 - Devtal lake
 - Sambhar Salt lake
12. The first Indian person to deliver a speech in Hindi at the UN Council was _____.
- Atal Bihari Vajpayee
 - Narendra Modi
 - Lal Bahadur Shastri
 - Indira Gandhi
13. Which of the following statements is correct?
- Budha preached his first sermon at Lumbini.
 - Alexander was the son of Phillip of Macedonia, Greece who invaded India in 326 BC.
 - Lothal is part of the excavation site of the civilization of Mesopotamians.
 - The people of Indus Valley Civilization worshipped Brahma.
14. Which one of the following statements is incorrect?
- Mahavira was born in the royal family of the Kshatriyas.
 - Manu is regarded as the great law-giver of ancient India.
 - Buddha was born in Vaishali.
 - Buddha is called the 'Light of Asia'.
15. The Upanishads are considered to be a part of the Vedas. How many Upanishads are there?
- 18
 - 80
 - 108
 - 118
16. The first Indian and Asian to receive the Nobel Prize for Physics.
- S. N. Bose
 - C. V. Raman
 - H. J. Bhabha
 - Vikram Sarabhai
17. Where is India's oldest planetarium located?
- New Delhi
 - Mumbai
 - Bengaluru
 - Kolkata
18. Who was the first Indian woman president of the UN General Assembly?
- Bachendri Pal
 - Razia Sultana

- c. Mrs Vijay Laxmi Pandit
d. Ms M Fatima Beevi
19. Which state has the longest coastline in India?
a. Maharashtra b. Gujarat
c. Kerala d. Assam
20. Farakka Barrage is constructed on river _____.
a. Damodar b. Ganga
c. Narmada d. Mahanadi
21. The maximum duration between two sessions of the Indian Parliament should not exceed:
a. 2 months b. 3 months
c. 4 months d. 6 months
22. Which is the longest highway in India?
a. NH 24 b. NH 44
c. NH 47A d. NH 9
23. _____ crops cover a major percentage of agricultural land in India.
a. Cash
b. Oil seed
c. Plantation
d. Food
24. Under which article of the Indian Constitution are Fundamental Duties of the citizens given?
a. Article 52
b. Article 123
c. Article 51A
d. Article 72
25. Which article of the Constitution provides the Parliament the power to amend it?
a. Article 348
b. Article 368
c. Article 438
d. Article 638
26. This tribal group mainly inhabit the region of Jharkhand, although they are well spread in the states of West Bengal, Chhattisgarh, Odisha and Bihar. They are the most ancient people of India. Name this tribal group.
a. Mundas
b. Santhals
c. Bhils
d. Gonds
27. Apart from India's national symbols, each of its states and territories have their own symbols including animal, bird, tree and flower. The state animal and the flower of Odisha are _____.
a. red panda and lotus
b. sambar deer and Ashoka flower
c. elephant and lily
d. red panda and lily
28. The town of _____ in Assam is the major centre of muga silk.
a. Silchar
b. Jorhat
c. Dibrugarh
d. Sualkuchi

29. There are seven wonders of India. Look at the picture, identify it and find the state in which it is located.



- a. Khajuraho, Madhya Pradesh
 - b. Hampi, Karnataka
 - c. Gommateshwara, Karnataka
 - d. Nalanda University, Bihar
30. India is famous for its many fairs. This mela is one of the biggest cattle fairs in Asia. It is the only fair where elephants are sold. It is held on the banks of the river Ganga. Name the fair.
- a. Sonapur Mela
 - b. Kumbh Mela
 - c. Gangasagar Mela
 - d. Balu Mela
31. It is a man-made wetland and is one of the richest birds area in the world. This sanctuary is home to about 230 species of birds. Previously, it was named as the Bharatpur Bird Sanctuary. What is its new name?
- a. Champaner-Pavagadh Park
 - b. Keoladeo National Park
 - c. Banarghatta National Park
 - d. Ranthambore National Park
32. It is a typical acrobatic dance. It is performed only by men. In this dance form, a long bamboo is fixed at a particular place. The acrobat dancer climbs to the top of the pole and then balances himself on his stomach perched on the top. Name this folk dance.
- a. Gambhira dance
 - b. Dollu Kunitha
 - c. Mallakhamb
 - d. Lai Haraoba
33. ARIES is a leading research institute which specialises in Astrophysics and Atmospheric Sciences. It is situated in:
- a. Nainital
 - b. Mysore
 - c. Cochin
 - d. Pune
34. 'Swachh Bharat Abhiyan' was launched to fulfill Mahatma Gandhi's dream of a clean and hygienic India. This social scheme was launched on _____.
- a. 2nd October 2014
 - b. 2nd October 2015
 - c. 2nd October 2016
 - d. 2nd October 2013
35. _____ is a digital India initiative launched by the National Handloom Development Corporation Ltd.
- a. CRP
 - b. DRP
 - c. ERP
 - d. SRP
36. When was CBI established in India?
- a. 1982
 - b. 1920
 - c. 1962
 - d. 1963

37. Which winds blow in India during winters?

- a. north-west trade winds
- b. north-south trade winds
- c. north-east trade winds
- d. east-west trade winds

38. On October 18, 2012, during the International Conference on 'Biodiversity Conservation and Education for Sustainable learning', held in Hyderabad, the National Microbe of India was announced. Which microbe is this?

- a. *E. Coli*
- b. *Lactobacillus Delbrueckii*
- c. *Lactobacilus Casei*
- d. *Lactobacillus Brevis*

39. Widely known as the 'Queen of Satpura', this hill station is situated in Hoshangabad in Madhya Pradesh. Dhupgarh, the highest point of Satpura range is located here. Name the tourist spot.

- a. Panchmarhi
- b. Rock Garden
- c. Vindhyachal
- d. Fatehpur Sikri

40. Where is Kandla Port located?

- a. Maharashtra
- b. West Bengal
- c. Kerala
- d. Gujarat

Darken your choice with HB pencil

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)
- 6. (a) (b) (c) (d)
- 7. (a) (b) (c) (d)
- 8. (a) (b) (c) (d)
- 9. (a) (b) (c) (d)
- 10. (a) (b) (c) (d)
- 11. (a) (b) (c) (d)

- 12. (a) (b) (c) (d)
- 13. (a) (b) (c) (d)
- 14. (a) (b) (c) (d)
- 15. (a) (b) (c) (d)
- 16. (a) (b) (c) (d)
- 17. (a) (b) (c) (d)
- 18. (a) (b) (c) (d)
- 19. (a) (b) (c) (d)
- 20. (a) (b) (c) (d)
- 21. (a) (b) (c) (d)
- 22. (a) (b) (c) (d)




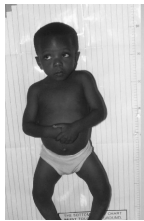
- 23. (a) (b) (c) (d)
- 24. (a) (b) (c) (d)
- 25. (a) (b) (c) (d)
- 26. (a) (b) (c) (d)
- 27. (a) (b) (c) (d)
- 28. (a) (b) (c) (d)
- 29. (a) (b) (c) (d)
- 30. (a) (b) (c) (d)
- 31. (a) (b) (c) (d)
- 32. (a) (b) (c) (d)
- 33. (a) (b) (c) (d)

- 34. (a) (b) (c) (d)
- 35. (a) (b) (c) (d)
- 36. (a) (b) (c) (d)
- 37. (a) (b) (c) (d)
- 38. (a) (b) (c) (d)
- 39. (a) (b) (c) (d)
- 40. (a) (b) (c) (d)

The Scientific World

1. It is a highly infectious disease and results in a large number of deaths worldwide. In some countries, it is called 100 days cough.
 - a. wet cough
 - b. pertussis
 - c. tuberculosis
 - d. ebola
2. He was a great physicist and propounded the 'Theory of Relativity'. He was awarded the Nobel prize for his work on photo-electric effect.
 - a. Albert Einstein
 - b. C. V. Raman
 - c. Isaac Newton
 - d. H. J. Bhabha
3. It is the only jointless bone in human body. It is found in the throat.
 - a. patella
 - b. stapes
 - c. hyoid
 - d. ossides
4. When a baby is born, it is attached to its mother through umbilical cord. This cord contains stem cells that can be used to cure many life-threatening diseases. Now parents of new-borns can save these cells in special banks called _____.
 - a. blood bank
 - b. cord bank
 - c. heart bank
 - d. cord blood bank
5. It is a disease caused due to deficiency of vitamin B2. The affected person gets cracks at the corners of lips and sometimes around eyes and nose.
 - a. anaemia
 - b. ariboflavinosis
 - c. beri beri
 - d. rickets
6. Father of India's nuclear programme:
 - a. Dr. Raja Ramanna
 - b. J. C. Bose
 - c. H. J. Bhabha
 - d. A. P. J. Abdul Kalam
7. It is an antimicrobial chemical present in antibacterial soaps. It is believed to disrupt thyroid function and hormone levels in people.
 - a. triclosan
 - b. ammonia
 - c. mercury
 - d. formaldehycle

8. **Insulin is a hormone that is produced in the pancreas and helps to regulate the glucose in the blood. Who discovered insulin?**
 - a. Samuel Morse
 - b. Frederick Banting
 - c. Nikola Tesla
 - d. Robert Hutchings Goddard
9. **A person who studies moths and butterflies is called _____.**
 - a. Philosopher
 - b. Somnambulist
 - c. Acoustics
 - d. Lepidopterist
10. **What is the full form of DNA?**
 - a. Dilute Nucleic Acid
 - b. Deoxyribonucleic Acid
 - c. Deoxyribo Nitrate Acid
 - d. none of the above
11. **Blood pressure of human body is controlled by _____.**
 - a. adrenal gland
 - b. thyroid gland
 - c. thymus gland
 - d. corpus luteum
12. **An instrument used by meteorologists and hydrologists to gather and measure the amount of liquid precipitation over a set period of time is _____.**
 - a. barometer
 - b. lactometer
 - c. hydrometer
 - d. udometer
13. **Calorie is the CGS unit of heat while 'Joule' is the S.I. unit of heat. What is the value of one kilocalorie in joule?**
 - a. 4 Joule
 - b. 4180 Joule
 - c. 6123 Joule
 - d. 4184 Joule
14. **Which of the following diseases is caused due to deficiency of thyroxin?**
 - a. hypothyroidism
 - b. diabetes
 - c. GB syndrome
 - d. none of these
15. **Who discovered ECG?**
 - a. Wilhelm Roentagen
 - b. Willem Einthoven
 - c. Robert Koch
 - d. Charles Best
16. **Which of the following statements is incorrect?**
 - a. CD-ROM is an optical memory.
 - b. The first Internet network was started in 1969.
 - c. Nano, Shuffle, Classic and Touch are variations of Samsung phone.
 - d. The technologically advanced human oil robot ASIMO is made by Honda.

17. Which of the following is not an example of real security and privacy risks?
- hackers
 - spam
 - viruses
 - identity theft
18. _____ pulses are sent as signals by a remote control of a television to control it.
- Infrared wave
 - Radio wave
 - Lasers
 - Ultrasonic wave
19. The term 'bit' is the short form for _____.
- megabyte
 - binary number
 - binary language
 - binary digit
20. Which among the following is used as a bleaching agent?
- aluminium sulphate
 - sulphuric acid
 - bromine
 - sodium nitrate
21. In 2012, a student of mechanical engineering from Bengaluru won the Youtube Space Lab 2012 contest for the Asia-Pacific region. He got the opportunity to conduct his experiment in space and have it streamed live to the entire world on Youtube. He is _____.
- Sachin Kukke
 - Sachin Saha
 - Sachin Mittal
 - Sachin Munde
22. The red blood cells carry haemoglobin that helps in the transportation of oxygen. Where are RBCs formed?
- liver
 - kidneys
 - bone marrow
 - none of these
23. The programming language used for business data processing is known as _____.
- FORTRAN
 - JAVA
 - BASIC
 - COBOL
24. Beri-Beri is a life-threatening disease which affects the nervous system, muscular system and also the cardiovascular system of the body. Identify it.
- 
 - 
 - 
 - 

25. It is a unit for measuring depth of water in ocean. It is equal to 6 feet or 1.8288 m.
- carat
 - BPS
 - fathom
 - light year
26. Which gas is filled in the tyres of racing cars?
- nitrogen
 - hydrogen
 - helium
 - a mixture of H_2 & HC
27. He is the first American to orbit the Earth and also the oldest person to fly in space. He was one of the members of 'Mercury Seven', the seven men who flew on the Mercury spacecraft. Identify him.
- Ed White
 - Alam Shepard
 - John Glenn
 - Alexei Leonov
28. Nitrous oxide can be used as an oxidizer in a rocket motor. Which of the following is the advantage of using it?
- It is non-toxic.
 - It is relatively safe to carry on a flight.
 - It is more stable at room temperature.
 - all of these
29. Which of these are lines on a map joining those places which have the same atmospheric pressure for a specific period of time?
- isotopes
 - isobars
 - isotherms
 - none of these
30. In the study of black holes, what do you call a star that is produced by a supernova?
- falling star
 - plutonic star
 - shooting star
 - neutron star
31. Which of the following diseases is/are caused by Varicella zoster virus?
- chicken pox
 - herpes
 - both a & b
 - none of these
32. Which planet has the most number of volcanoes?
- Jupiter
 - Earth
 - Neptune
 - Venus
33. Which instrument is used to determine speed, especially the rotational speed of a shaft?
- fathometer
 - radar
 - salinometer
 - tachometer

34. He is called the 'Father of Blood Bank'. He introduced innovative methods of research on blood transfusions.
- Charles R. Drew
 - Edward Jenner
 - Robert Koch
 - Joseph Lister
35. In which year did the National Polio Surveillance Project (NPSP) begin?
- 1990
 - 1997
 - 2000
 - 1995
36. 'PARAM Super Computer' developed by C-DAC is ranked first in India. It was developed for:
- weather forecasting
 - remote sensing
 - molecular modelling
 - all of these
37. Which of the following moons in the solar system is known to have its own magnetic field?
- Ganymede
 - Callisto
 - Charon
 - Triton
38. What is the name of educational robot which includes optional virtual reality software called Robocell?
- I-ROBOT
 - STUDY BOT
 - SCORBOT
 - TUTOR
39. Most space junk moves very fast around the Earth. They are pieces from spacecrafts and can reach the speed of 4.3 to 5 miles per second. What is this space junk called?
- orbit debris
 - orbital debris
 - debris of spacecraft
 - both a. and c.
40. The Fermi Gamma-ray space telescope is a satellite used to study the most powerful source of radiations in the universe. When was it launched?
- June 11, 2009
 - July 11, 2009
 - June 11, 2008
 - July 11, 2008
41. What is another name of Vitamin K?
- phylloquinone
 - pantothenic acid
 - tocopherol
 - phyllothiamine
42. Knot is a unit of speed of:
- rockets
 - cars
 - hot air balloons
 - ships

43. The oxide layer on metallic aircrafts is removed with weak acids such as vinegar. This process renders the layer of the metal clean as a fresh layer of metal is exposed.

The chemical equation for this reaction is

- $\text{CH}_3\text{COOH} + \text{FeO} \longrightarrow \text{CH}_3\text{COOFe} + \text{H}_2\text{O}$
- $\text{CH}_3\text{CHO} + \text{Fe} \longrightarrow \text{CH}_3\text{COOFe} + \text{H}_2\text{O}$
- $\text{C}_2\text{H}_5\text{COOH} + \text{Fe} \longrightarrow \text{C}_2\text{H}_5\text{COOFe} + \text{H}_2\text{O}$
- $\text{C}_2\text{H}_5\text{COOH} + \text{FeO} \longrightarrow \text{C}_2\text{H}_5\text{COOFe} + \text{H}_2\text{O}$

44. The IAU (International Astronomical Union) is a collection of professional astronomers that has the internationally recognised authority for assigning designations to celestial bodies. It also assigns names to constellations. How many constellations have been formally named by the IAU?

- 150 constellations in southern hemisphere
- 88 constellations in southern and northern hemisphere
- 88 constellations in northern hemisphere only
- 150 constellations in northern and southern hemisphere

Darken your choice with HB pencil

- | | | | |
|---------------------|---------------------|---------------------|---------------------|
| 1. (a) (b) (c) (d) | 12. (a) (b) (c) (d) | 23. (a) (b) (c) (d) | 34. (a) (b) (c) (d) |
| 2. (a) (b) (c) (d) | 13. (a) (b) (c) (d) | 24. (a) (b) (c) (d) | 35. (a) (b) (c) (d) |
| 3. (a) (b) (c) (d) | 14. (a) (b) (c) (d) | 25. (a) (b) (c) (d) | 36. (a) (b) (c) (d) |
| 4. (a) (b) (c) (d) | 15. (a) (b) (c) (d) | 26. (a) (b) (c) (d) | 37. (a) (b) (c) (d) |
| 5. (a) (b) (c) (d) | 16. (a) (b) (c) (d) | 27. (a) (b) (c) (d) | 38. (a) (b) (c) (d) |
| 6. (a) (b) (c) (d) | 17. (a) (b) (c) (d) | 28. (a) (b) (c) (d) | 39. (a) (b) (c) (d) |
| 7. (a) (b) (c) (d) | 18. (a) (b) (c) (d) | 29. (a) (b) (c) (d) | 40. (a) (b) (c) (d) |
| 8. (a) (b) (c) (d) | 19. (a) (b) (c) (d) | 30. (a) (b) (c) (d) | 41. (a) (b) (c) (d) |
| 9. (a) (b) (c) (d) | 20. (a) (b) (c) (d) | 31. (a) (b) (c) (d) | 42. (a) (b) (c) (d) |
| 10. (a) (b) (c) (d) | 21. (a) (b) (c) (d) | 32. (a) (b) (c) (d) | 43. (a) (b) (c) (d) |
| 11. (a) (b) (c) (d) | 22. (a) (b) (c) (d) | 33. (a) (b) (c) (d) | 44. (a) (b) (c) (d) |

Earth and Its Environment

1. **Why are elephants endangered?**
 - a. reduced habitat
 - b. ivory trade
 - c. both a & b
 - d. none of these
2. **Which type of habitat is most vulnerable to pollution?**
 - a. aquatic b. forest
 - c. soil d. grassland
3. **According to scientists, initially Earth was not divided into seven continents. Only a single super continent existed. What was this super continent called?**
 - a. Fujiyama b. McKinlay
 - c. Alps d. Pangaea
4. **The U.S. biologist, who wrote the famous book, The Silent Springs, and credited for launching global environment movement and reversing the national pesticide policy in USA, is _____.**
 - a. Wangari Maathai
 - b. Rachel Carson
 - c. Henry David Thoreau
 - d. Helen Keller
5. **What is the scientific study of the chemical and biochemical phenomena that occurs in natural places called?**
 - a. green chemistry
 - b. ecology
 - c. environmental chemistry
 - d. biochemistry
6. **CBNRM (Community Based Natural Resource Management) programme is based on _____.**
 - a. Locals can conserve natural resources in a better way.
 - b. People will conserve resources only if they get more benefits.
 - c. People will conserve a resource that is linked directly to their quality of life.
 - d. all of these
7. **A lawyer who worked hard to protect the Taj Mahal. His efforts led to the Supreme Court of India ordering 200 industries around the Taj Mahal, which were producing acidic gases that damaged its white marble. Name the lawyer.**
 - a. Medha Patkar
 - b. S.L. Bahuguna
 - c. Mahesh Chandra Mehta
 - d. Wangari Maathai
8. **The capacity of an ecosystem to absorb disturbance and still retain its basic structure and viability is called _____.**
 - a. sustainability
 - b. resilience
 - c. receptivity
 - d. none of these

9. **The first UNESCO trans-boundary biosphere reserve in Europe is:**
 - a. North Vosges Biosphere Reserve
 - b. Yellowstone National Park
 - c. Sequoia National Park
 - d. Denali National Park
10. **Which of the following organisations works in the field of nature conservation and sustainable use of natural resources?**
 - a. ILO
 - b. UNCSD
 - c. UNCED
 - d. IUCN
11. **UNEP was founded by _____.**
 - a. D. Mackerel
 - b. Erik Solheim
 - c. Maurice Strong
 - d. Achim Steiner
12. **What is the abnormal warming of surface water in the South Pacific (occurs in every few years) called?**
 - a. El Paso
 - b. El Nino
 - c. El Nina
 - d. La Nina
13. **Which of these is one of the most harmful components of smog?**
 - a. ozone
 - b. carbon
 - c. radium
 - d. hydrogen
14. **Species that exist outside their natural range and threaten the existence of plants and animals there, are called _____.**
 - a. endangered species
 - b. extinct species
 - c. vulnerable species
 - d. invasive alien species
15. **An Indian marine biologist who discovered several new species of animal _____.**
 - a. Indra Nooyi
 - b. Boman Framji Chhapgar
 - c. Doris Lessing
 - d. none of them
16. **When was the National Green Tribunal (NGT) founded?**
 - a. 2009
 - b. 2011
 - c. 2008
 - d. 2010
17. **What is grassy plain in tropical and subtropical region, with a few trees called?**
 - a. tundra
 - b. savannah
 - c. rift valley
 - d. atoll
18. **The main objective(s) of Rio 2012 (UNCSD) is/are:**
 - a. securing renewed political commitment for sustainable development
 - b. addressing new and emerging challenges
 - c. valuing and conserving nature
 - d. both a. and b.
19. **This is a building usually made of glass walls which grows plants that need protection from cold weather.**
 - a. vertical farming
 - b. green house
 - c. both a and b
 - d. none of these

20. The highest peak in India is:
- Mount Everest
 - Independence Peak
 - Kangchenjunga
 - Mont Blanc
21. It is the longest river in Asia and the third longest in the world. The river flows for 6418 km in China before emptying into East China sea. It is _____.
- Chang Jiang
 - Huang Ho
 - Mississippi
 - Amazon
22. Spraying of DDT on crops causes pollution of _____.
- soil and water
 - air and soil
 - crops and air
 - air and water
23. The leakage of which poisonous gas caused the Bhopal Gas Tragedy?
- Methyl Isocyanide
 - Ethyl Isocyanate
 - Methyl Isocyanate
 - none of these
24. One of the worst industrial disasters in the world, Bhopal Gas Tragedy (India). When did it occur?
- October 1984
 - November 1983
 - December 1983
 - December 1984
25. Nanji Islands consist of 52 islands famous for their marine biodiversity. The best known creatures found here are the different species of algae and shellfish. Where is it located?
- Japan
 - China
 - India
 - Pakistan
26. Where is the Idukki Wildlife Sanctuary located?
- Kerala
 - Andhra Pradesh
 - Tamil nadu
 - Maharashtra
27. In 1887 and 1938, in China, two of the deadliest disasters occurred due to flooding of the same river. Which river is it?
- Mekong
 - Si Kiang
 - Yangtze
 - Huang He
28. Golden Gate Biosphere Reserve was established by UNESCO in 1988. It comprises 13 protected areas. Its most striking feature is the presence of diverse ecosystems such as the coastal region, upland and marine regions. Where is it located?
- USA
 - UK
 - Italy
 - France
29. The _____ Canal joins the Baltic Sea to the North Sea.
- Suez
 - Neil
 - Kiel
 - Panama
30. The land near the _____ sea is considered the lowest point on Earth.
- Caspian
 - Dead
 - Black
 - Salton

31. Which of the following is/are man-made disasters?

- a. London's Killer Fog
- b. The Exxon Valdez Oil Spill
- c. The Love Canal
- d. all of these

32. Which of the following cause / causes loss of lives and damage to property?

- a. soil erosion
- b. melting glaciers
- c. storms and floods
- d. all of these

33. The gulf evolved into a hub of pirate activity in the late 2000s. This gulf is also referred to as Pirates Alley.

- a. Gulf of Aden
- b. Gulf of Oman
- c. Gulf of Alaska
- d. Gulf of Khambat

34. Which one of the following is not a man-made disaster?

a.



b.



c.



d.



35. Which of the following is/are simple ways to go green?

- a. use CFL lamps
- b. use online services
- c. use polythene bags
- d. both a. and b.

Darken your choice with HB pencil

1. (a) (b) (c) (d)
2. (a) (b) (c) (d)
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33. (a) (b) (c) (d)
34. (a) (b) (c) (d)
35. (a) (b) (c) (d)

Literature, Art and Music

1. **Who wrote 'The Jungle Book'?**
 - a. Rudyard Kipling
 - b. T. S. Eliot
 - c. Charles Dickens
 - d. H. G. Wells
2. **The script of the _____ language contains 72 letters.**
 - a. Devnagari b. Cambodian
 - c. Spanish d. Portuguese
3. **Which of the following texts is considered as the oldest jyotisha text?**
 - a. Caraka Samhita
 - b. Lalita Kosha
 - c. Vedanga jyotisha
 - d. Rajatarangini
4. **Shakespeare described the character Puck as a 'shrewd and knavish sprite'. In which of Shakespeare's plays does he feature?**
 - a. A Midsummer Night's Dream
 - b. As You Like It
 - c. The Tempest
 - d. Twelfth Night
5. **What does the idiom 'hit below the belt' mean?**
 - a. to quarrel all the time
 - b. to say something that is often too personal, usually irrelevant and always unfair
 - c. to play a subordinate role
 - d. to lament over something that cannot be changed
6. **In the classic novel, 'Alice in Wonderland' which character sings the song 'Soup in the evening, beautiful soup'?**
 - a. The Cheshire Cat
 - b. The Duchess
 - c. The Mad Hatter
 - d. The Mock Turtle
7. **Which book won the Man Booker Prize in 2018?**
 - a. Milkman
 - b. Normal people
 - c. The sellout
 - d. none of the above
8. **Which of the following awards is not given in the field of music?**
 - a. Grammy Award
 - b. Billboard Music Awards
 - c. MTV Video Music Awards
 - d. Carl Alan Awards
9. **The 2019 Grammy Award winner for Album of the year.**
 - a. Golden Hour
 - b. Something Just Like This
 - c. Nobody But Me
 - d. Migration

10. **Who among the following never won the Man Booker Prize?**
 - a. Arundhati Roy
 - b. Ben Okri
 - c. Kazuo Ishiguro
 - d. none of them
11. **'Kingdom of Dreams' is India's first live entertainment theatre and leisure destination. This place was started in 2010 and has staged many iconic show/theatre performances. Which of these is not a stage show showcased at Kingdom of Dreams?**
 - a. Jhumroo
 - b. Zangoora
 - c. Nandini
 - d. Abhimanyu
12. **Doordarshan was founded in India in this year.**
 - a. 1965
 - b. 1963
 - c. 1960
 - d. 1959
13. **Which of the following toon characters is related to the comic story 'The Banana Splits'?**
 - a. Dopler
 - b. Dropper
 - c. Drooper
 - d. Dimlar
14. **The leading exponent of the Lucknow Kalka - Bindadin Gharana of Kathak dance in India-**
 - a. Soumya Sompath
 - b. Birju Maharaj
 - c. Sonal Mansingh
 - d. Mallika Sarabhai
15. **Who has been awarded Padma Vibhushan on 50th Republic Day celebration of India?**
 - a. Lata Mangeshkar
 - b. Shreya Ghoshal
 - c. Sunidhi Chauhan
 - d. Arijit Singh
16. **Complete the proverb, "cut the coat according to your _____."**
 - a. size
 - b. design
 - c. cloth
 - d. budget
17. **Who gave the quotation - 'Know them thyself, presume not God to scan'?**
 - a. Percy Shelly
 - b. Alexander Pope
 - c. Benjamin Franklin
 - d. Terry Pluto
18. **In this poem, Native Americans would tie their babies in cloth and hang them on branches. The wind would gently rock the baby to sleep. It was first published in 1765. Name the poem.**
 - a. Hush-a-Bye Baby
 - b. Humpty Dumpty
 - c. Jack and Jill
 - d. Ding Dong Bell

19. An idiom is a group of words that have a deeper meaning. Choose the correct idiom to complete the given sentence-
 'Models in the fashion industry are so thin. They are _____.'
- apple of their eyes
 - at large
 - for a steal
 - all skin and bones
20. The meaning of the idiom 'to have a nose for news' is _____.
- to irritate or annoy someone very much
 - to know where to look for information and pick up news
 - do or say something exactly right
 - an unbelievable tale
21. A word, phrase or sentence that reads the same forward and backwards is called _____.
- idiom
 - palindrome
 - hyperbole
 - dissonance
22. The three 'B's of ancient western classical were _____.
- Beethoven, Bach and Brahms
 - Bach, Brahms and Bizet
 - Bizet, Beethoven and Brahms
 - Bizet, Bach and Beethoven
23. Cyrillic is the standard script for writing the following languages
- Russian
 - Bulgarian
 - Ukrainian
 - all of these
24. One word for a person who attacks people in the street to steal:
- mugger
 - arsonist
 - burglar
 - manslaughter
25. A painter born of an Indian father and a Hungarian mother. She was one of the pioneers in the modern art. She died just at 28 years of age. She was _____.
- Frida Kahlo
 - Joan Mitchell
 - Anita Sharma
 - Amrita Sher-Gil
26. It means the literal reading of verse into music. It is the oldest and grandest form of devotional Hindustani vocal music.
- Dadra
 - Tappa
 - Thumri
 - Dhrupad
27. One of the greatest romantic English poets of the 18th Century. 'The Prelude' and 'Tintern Abbey' are among his famous works.
- William Wordsworth
 - Rumi
 - Edmund Spenser
 - Charles Dickens

28. A type of fiction that has elements of magic and supernatural phenomenon.
- play
 - folk tale
 - prose
 - fantasy
29. A Kenning is a play on words that replaces a single word with more figurative language. It is used to describe a single word. Which Kenning is used to describe 'Lazy Person'?
- mouse hunter
 - couch potato
 - battle metal
 - battle sweat
30. Who said, "I came, I saw, I conquered"?
- Plato
 - Oscar Wilde
 - Henry Ford
 - Julius Caesar
31. Charles Lamb was a 19th century English essayist and writer of children's book and is best known for his 'Tales from Shakespeare'. What was his pen name?
- Ayan Rand
 - Elia
 - Nasier
 - Bjarme
32. Aramandalam is the basic posture of this dance form.
- Mohiniyattam
 - Padachari
 - Kathak
 - Kuchipudi
33. 'Charred' means _____.
- burnt
 - dangerous
 - filthy
 - colourful

Darken your choice with HB pencil

- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
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- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d

1. Sapna, Anshu and Suraj are students of the same school. The sum of their ages is 80 years. Find out the sum of their ages 3 years ago.

a. 71 years b. 72 years
c. 74 years d. 77 years

2. Teachers of a school took part in a Science exhibition out of which $\frac{1}{5}$ were female teachers and $\frac{1}{8}$ were male teachers. Find the fraction of the total number of teachers who took part in the exhibition.

a. $\frac{2}{13}$
b. $\frac{13}{140}$
c. inadequate data
d. none of these

Identify the odd word.

3. a. acre b. gallon
c. yard d. hectare
4. a. iceberg b. meadow
c. polar ice caps d. glacier

5. In a class, there are 18 girls who are over 160 cm tall. If these constitute $\frac{3}{4}$ th of the girls and the total number of girls is $\frac{2}{3}$ rd of the total number of students in the class, what is the number of boys in the class?

a. 6 b. 12
c. 18 d. 24

6. Arrange the words in alphabetical order and choose the one that comes last.

apostil, apostate, apocalypse, apologetic, apostrophe

a. apologetic b. apostrophe
c. apostil d. apostate

7. Complete the series.

bc __ bb __ cb __ cc __ bc __

a. cbc b. bcb
c. cc d. bcb

8. A certain number of horses and an equal number of men are going somewhere. Half of the owners are on their horses back while the remaining ones are walking on the ground is 70, how many horses are there?

a. 140 b. 160
c. 200 d. 240





9. Decide which of the given conclusions can logically be derived from the given statements.

He has a blue spectacle case which has his name on it.

a. He has poor eyesight.
b. He is fond of spectacles.
c. He likes to write his name on everything.
d. All his spectacle cases are blue.

10. Find the missing number that will balance the equation.

$$40 \div 10 - = [?] - 13 - 4$$

- a. 10 b. 12
c. 17 d. 20
11. In a cricket ground, five children were sitting in a row.
Sanya is sitting next to Parul but not Tarun.
Kanika is sitting next to Raman who is sitting on the extreme left.
Tarun is not sitting next to Kanika.
Who is sitting adjacent to Sanya?
- a. Kanika and Parul
b. Raman and Parul
c. Parul
d. Parul and Tarun
12. Which of the letters in the word IMPERSONAL remain in the same positions when the letters of the word are rearranged alphabetically?
- a. E b. O
c. L d. P
13. Which one is different from others?
- a.  b. 
c.  d. 

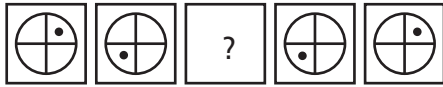
14. Choose a correct conclusion for the given statements.
Use of calculators is prohibited in the examination hall.





X: Calculators are dangerous to use.

Y: The students will have to do their calculations manually.

- a. both X and Y follow
b. only X follows
c. both X and Y do not follow
d. only Y follows
15. 'Education' is to 'Classroom' as 'Groceries' is to?
- a. Milk b. Fruit
c. List d. Supermarket
16. Find the numbers which replace 'X' and 'Y'.
- | | | | |
|---|---|---|-----|
| 1 | 4 | 9 | 'X' |
| 1 | 2 | 3 | 4 |
| 2 | 4 | 6 | 'Y' |
- a. 16, 8 b. 49, 7
c. 36, 4 d. 25, 5
17. In a certain code language, TOYS is written as PUKO, TRY is written as PNU. How is RUSH written in that code?
- a. NRPE b. NSOD
c. NQOD d. NPOC
18. Raman has to go for a movie at 6:30. The clock on his table shows the time 5:30. If the minute hand points East, in what direction will the hour hand point?
- a. south-west
b. north-east
c. south-east
d. north-west

19. Which figure will replace the question mark?



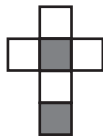
- a.  b. 
c.  d. 

20. Find the mirror image of the given word.

INFORMATION

- a. IŃEƆBMAŃOŃ
b. NOŃŃAŃMAŃOŃNI
c. IŃOŃTAMŃJOŃNI
d. INFORMATION

21. Which cube cannot be made from the given net?



- a.  b. 
c.  d. 

22. In the name of how many months will you find only one vowel?

- a. 3 b. 5
c. 8 d. None

23. The colours of rainbow are numbered from 1 to 7, starting with violet. What will be the answer if you square the product of blue and orange?

- a. 4156 b. 238
c. 324 d. 2355

In a certain code, SCHOOL is written as TBINPK. Find out how the following words will be written using the similar code.

24. CLASS

- a. DKBRT b. DKCRT
c. DKSRT d. DLBRT

25. WORKBOOK

- a. OWKROBOK b. XNSJCNPJ
c. XNSJCNNJ d. VNSJANNL

26. SEPTEMBER

- a. RFQSELCD S b. TDQSFLCD S
c. TEQSELCD S d. TDQSDNCD S

27. Replace the question mark with the suitable option.

Month : 30 :: Leap year: ?

- a. 365 b. 366
c. 367 d. 368

28. Replace the question mark in the given letter series with the correct option.

U R P M K ?

- a. E b. E
c. G d. H

29. Choose the one which does not belong to the group.

- a. 7 b. 1
c. 3 d. 11

30. How many lines of symmetry does the following figure has?

- a. 5 b. 4
c. 7 d. 6



31. Sugandha went to see a movie nine days ago. She goes to movies only on Thursdays. What day of the week is today?

- a. Thursday b. Tuesday
c. Saturday d. Friday

32. Find the percentage change of area in a square if each of its side is increased by 25%.

- a. 56.25
- b. 65.25
- c. 56
- d. 65

33. Tanuja is the wife of Tanmay and Tanmay is the brother of Anuj. Anuj is the only uncle of Varun. What is Varun's relation with Tanuja?

- a. brother
- b. son
- c. nephew
- d. none of these

Complete the following (Q34 to Q40).






34. Guilt : Past :: Hope : ?

- a. Present
- b. Sorrow
- c. Future
- d. Past

35. Gravity : Tide :: ? : Seasons





- a. Time
- b. Moon
- c. Rotation
- d. Revolution

36. Which of the following figures best depicts the relationship among criminals, thieves and judges?

- 
- a. 
 - b. 
 - c. 
 - d. 



37. Complete the series.



- a. 
- b. 
- c. 
- d. 

38. V W A ?

- a. N
- b. H
- c. W
- d. M

39.  +  ?

- a. ×
- b. +
- c. +
- d. none of these

40.   

- a. M
- b. 
- c. 
- d. 

For each of the given sentences, choose the answer which can replace the underlined word (Q41 to Q44).

41. The plan has to be carried out immediately.

- a. without preparation
- b. without consideration
- c. without help
- d. without delay

42. Do not omit the punctuation marks in your composition.

- a. add to
- b. leave out
- c. write out
- d. put in

43. The mother regretted losing her temper at the children.

- a. felt sorry for
- b. felt happy for
- c. felt relieved for
- d. felt good for

44. The land near the factory is uninhabited.

- a. not forested b. not cultivated
c. not developed d. not populated

Complete the analogies (Q45 to Q50).

45. Warm : Hot :: Old : _____

- a. Oldest b. History
c. Years d. Antique

46. Earth : Ball :: Pancake : _____

- a. Soccer b. Disc
c. Flag d. Flat

47. Prose : Poetry :: Conversation : _____

- a. Song b. Poem
c. Language d. Listening

48. Ignorant : Enlightened :: Despondent : _____

- a. Aware
b. Elated
c. Miserable
d. Tolerant

49. Careful : Cautions :: Arrogant : _____

- a. Humble
b. Joyful
c. Boastful
d. Suspicious

50. Frightened : Terrified :: Embarrassed : _____

- a. Courageous
b. Humiliated
c. Reckless
d. Agitated

Darken your choice with HB pencil

1. (a) (b) (c) (d)
2. (a) (b) (c) (d)
3. (a) (b) (c) (d)
4. (a) (b) (c) (d)
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45. (a) (b) (c) (d)
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47. (a) (b) (c) (d)
48. (a) (b) (c) (d)
49. (a) (b) (c) (d)
50. (a) (b) (c) (d)

1. **You are on a school picnic when suddenly you realise that you have moved away from your classmates and cannot find them. What will you do?**
 - a. try to find your way back
 - b. panic and start crying
 - c. start cursing your classmates
 - d. all of these
2. **Cardio-pulmonary Resuscitation (CPR) is an emergency procedure that is used _____.**
 - a. to restore blood circulation in a person's body
 - b. to help in breathing process
 - c. to measure the thickness of veins
 - d. none of these
3. **What should you do in case of minor burns?**
 - a. remove clothing that is covering the burn
 - b. rinse the burnt area in cool running water
 - c. apply a moisturiser or aloe vera gel
 - d. all of these
4. **Which of the following should be part of a good and effective communication?**
 - a. voice modulation
 - b. good posture and appropriate gesture
 - c. both a. and b.
 - d. none of these
5. **Which of the following are a part of critical thinking?**
 - a. analysis
 - b. synthesis
 - c. evaluation
 - d. all of these
6. **_____ are defined as psychological abilities for adaptive and positive behaviour.**
 - a. Recreational skills
 - b. Soft skills
 - c. Life skills
 - d. Vocational skills
7. **_____ is the concept that describes the beliefs of an individual or culture.**
 - a. Attitude
 - b. Values
 - c. Behaviour
 - d. Personality
8. **If you are participating in an inter-school football match, then you should:**
 - a. hurt the opposite team members
 - b. start crying on losing the match
 - c. accept victory or defeat, like a true sportsman
 - d. use unfair means to win

9. Which of the following is not associated with non-verbal communication?
- conversation
 - facial expression
 - symbols
 - body language
10. Having the confidence to try new things is a sign of strong _____.
- emotion
 - personality
 - self-esteem
 - goal
11. Which skill helps us to find solutions for complex issues?
- self-awareness
 - self-empathy
 - problem solving
 - none of these
12. _____ is our body reaction to people and events and to our own thoughts.
- Emotion
 - Stress
 - Relationship
 - Anxiety
13. _____ can cause lower self-esteem, decreased academic performance, self blame and self doubt.
- Repeated stress
 - Repeated emotion
 - Inter-personal relationship
 - Thoughts
14. When you encourage someone to do something they don't want to do, it is called _____.
- bullying
 - boosting up
 - negative peer pressure
 - positive peer pressure
15. One example of _____ is repeatedly saying 'No' when pressured to do something wrong.
- refusal skills
 - social skills
 - sympathy
 - none of these
16. Which of the following does not represent behaviour of a good student?
- following school rules
 - being punctual
 - participating only in personal interests
 - respecting other students

Darken your choice with HB pencil

- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d

- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d

- ☐ a ☐ b ☐ c ☐ d
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- ☐ a ☐ b ☐ c ☐ d

- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d
- ☐ a ☐ b ☐ c ☐ d

1. When a switch is in OFF position:

- i) circuit starting from the positive terminal of the cell stops at the switch
- ii) circuit is open
- iii) no current flows through it
- iv) current flows after sometime

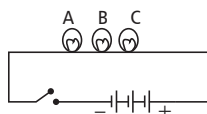
Choose the correct answer from the following options.

- a. All are correct.
- b. ii) and iii) are correct.
- c. Only iv) is correct.
- d. Only i) and ii) are correct.

2. Which of the following precautions need to be taken while using electric gadgets/appliances/circuits?

- a. We should never touch an electric device with wet hands.
- b. We should experiment with the electric supply from the mains.
- c. We should check the current supply by touching the live wires.
- d. none of these

3. Three bulbs A, B and C are connected in a circuit as shown.



When the switch is 'On':

- a. bulb 'C' will light first

- b. bulb 'B' and 'C' will light simultaneously and bulb 'A' will light after sometime
- c. all the bulbs will light at same time
- d. the bulbs will light in order C, B and A

4. The environmental condition of tropical rain forests are:

- i) hot and humid climate
- ii) unequal lengths of day and night
- iii) abundant rainfall
- iv) abundant light and moisture

Identify the conditions from the list that are responsible for the presence of large number of plants and animals in tropical rain forests.

- a. i) and ii)
- b. i) and iii)
- c. i), iii) and iv)
- d. ii) and iv)

5. Anuj went to a wildlife sanctuary where he saw dense vegetation of trees, shrubs, herbs and also a variety of animals like monkeys, birds, elephants, snakes, frogs etc. The most likely location of this sanctuary is in _____.

- a. temperate region
- b. tropical region
- c. polar region
- d. coastal region

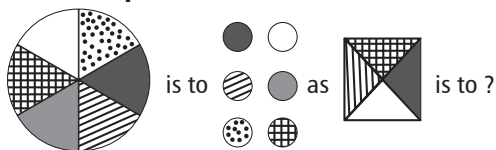
6. Green wealth of your locality can be maintained by _____.
- plantation
 - saving plants and trees
 - awareness programmes about the benefit of plants
 - all of these

7. Read the given clues.

Dhananjay's son Binoy is married to Akanksha whose brother Chintan is married to Falak, the sister of Binoy. How is Chintan related to Dhananjay?

- brother-in-law
 - nephew
 - son
 - son-in-law
8. If TRANSFER is coded as RTNAFSRE, then ELEPHANT would be coded as
- LEPEHATN
 - LEEPATHN
 - LEPEAHTN
 - none of the above

9. Which shape or pattern completes the second pair in the same way as the first pair?



-
-

-
-

10. Choose the mirror image of



-
-
-
-

11. Which two signs are to be interchanged to make the given equation true?

$$3 - 9 \times 27 + 9 \div 3 = 15$$

- (+) and (-)
- (x) and (+)
- (x) and (\div)
- (-) and (\div)

12. Identify the rule and find the missing number in place of the question mark.

21	56	70
45	87	84
115	180	?

- 130
- 195
- 295
- 150

13. Read the given clues carefully.

P starts from point A and travels 3 km eastwards to B.

P turns left and travels thrice the distance to reach C.

P again turns left and travels 5 times the distance covered between A and B. P reaches destination D.

What will be the shortest distance between the starting point and destination?

- a. 8 km b. 10 km
- c. 13 km d. 15 km

14. Which letter will be the 9th letter to the left of the 9th letter from the right, if the first half of the given alphabet is reversed?

- a. F b. M
- c. L d. E

15. An increased level of nutrients in water affects the survival of aquatic organisms. It is so because:

- a. the chemical of the nutrients kills the aquatic organisms

- b. the chemical causes death of aquatic plants and thus reduces the oxygen amount
- c. eutrophication occurs and causes algal blooms that reduces the oxygen amount for aquatic organisms
- d. all of these

16. Fill in the blank with the best phrase to complete the sentence.

"The new engineer has _____ qualifications but only a few months experience."

- a. a plenty of
- b. plenty
- c. plenty of
- d. a lot of

17. Fill the blank.

DCXW, HGTS, LKPO, _____, TSHG

- a. KLOP
- b. POLK
- c. PLOK
- d. LPKO

Darken your choice with HB pencil

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)

- 6. (a) (b) (c) (d)
- 7. (a) (b) (c) (d)
- 8. (a) (b) (c) (d)
- 9. (a) (b) (c) (d)
- 10. (a) (b) (c) (d)

- 11. (a) (b) (c) (d)
- 12. (a) (b) (c) (d)
- 13. (a) (b) (c) (d)
- 14. (a) (b) (c) (d)
- 15. (a) (b) (c) (d)

- 16. (a) (b) (c) (d)
- 17. (a) (b) (c) (d)

Answers

Chapter 1: Nature And Its Glory

1.	c	2.	b	3.	a	4.	d	5.	a	6.	b	7.	a	8.	d	9.	c	10.	b
11.	c	12.	a	13.	c	14.	d	15.	c	16.	a	17.	b	18.	c	19.	a	20.	b
21.	b	22.	a	23.	c	24.	d	25.	b	26.	c	27.	b	28.	a	29.	c	30.	d
31.	b	32.	c	33.	d														

Chapter 2: Mapping The World

1.	d	2.	a	3.	d	4.	c	5.	b	6.	d	7.	a	8.	c	9.	b	10.	d
11.	c	12.	a	13.	b	14.	b	15.	c	16.	b	17.	a	18.	d	19.	b	20.	c
21.	a	22.	d	23.	d	24.	a	25.	c	26.	b	27.	d	28.	b	29.	a	30.	c
31.	c	32.	b	33.	a	34.	d	35.	d										

Chapter 3: Sports And Games

1.	c	2.	d	3.	a	4.	d	5.	d	6.	c	7.	b	8.	b	9.	c	10.	a
11.	c	12.	d	13.	d	14.	a	15.	b	16.	a	17.	d	18.	b	19.	c	20.	d
21.	c	22.	c	23.	b	24.	a	25.	b	26.	a	27.	c	28.	b	29.	d	30.	a
31.	c	32.	d	33.	b	34.	d	35.	a	36.	b	37.	a						

Chapter 4: Discover India

1.	c	2.	d	3.	c	4.	a	5.	d	6.	b	7.	a	8.	c	9.	d	10.	b
11.	d	12.	a	13.	b	14.	c	15.	c	16.	b	17.	d	18.	c	19.	b	20.	b
21.	d	22.	b	23.	d	24.	c	25.	b	26.	a	27.	b	28.	d	29.	c	30.	a
31.	b	32.	c	33.	a	34.	a	35.	c	36.	d	37.	c	38.	b	39.	a	40.	d

Chapter 5: The Scientific World

1.	b	2.	a	3.	c	4.	d	5.	b	6.	c	7.	a	8.	b	9.	d	10.	b
11.	a	12.	d	13.	d	14.	a	15.	b	16.	c	17.	b	18.	a	19.	d	20.	b
21.	a	22.	c	23.	d	24.	b	25.	c	26.	a	27.	c	28.	d	29.	b	30.	d
31.	c	32.	d	33.	d	34.	a	35.	b	36.	d	37.	a	38.	c	39.	b	40.	c
41.	a	42.	d	43.	a	44.	b												

Chapter 6: Earth And Its Environment

1.	c	2.	a	3.	d	4.	b	5.	c	6.	d	7.	c	8.	b	9.	a	10.	d
11.	c	12.	b	13.	a	14.	d	15.	b	16.	d	17.	b	18.	d	19.	b	20.	c
21.	a	22.	a	23.	c	24.	d	25.	b	26.	a	27.	d	28.	a	29.	c	30.	b
31.	d	32.	c	33.	a	34.	c	35.	d										

Chapter 7: Literature, Art And Music

1.	a	2.	b	3.	c	4.	a	5.	b	6.	d	7.	a	8.	d	9.	a	10.	d
11.	c	12.	d	13.	c	14.	b	15.	a	16.	c	17.	b	18.	a	19.	d	20.	b
21.	b	22.	a	23.	d	24.	c	25.	d	26.	d	27.	a	28.	d	29.	b	30.	d
31.	b	32.	a	33.	a														

Chapter 8: Reasoning

1.	a	2.	c	3.	b	4.	b	5.	b	6.	b	7.	c	8.	a	9.	a	10.	d
11.	d	12.	b	13.	c	14.	d	15.	d	16.	a	17.	c	18.	b	19.	b	20.	c
21.	d	22.	a	23.	c	24.	a	25.	b	26.	b	27.	b	28.	d	29.	b	30.	c
31.	c	32.	a	33.	b	34.	b	35.	d	36.	c	37.	d	38.	d	39.	b	40.	b
41.	d	42.	b	43.	a	44.	d	45.	d	46.	b	47.	c	48.	b	49.	c	50.	b

Chapter 9: Life Skills

1.	a	2.	a	3.	d	4.	c	5.	d	6.	c	7.	b	8.	c	9.	a	10.	b
11.	c	12.	b	13.	a	14.	c	15.	a	16.	c								

Chapter 10 : HOTS

1.	b	2.	a	3.	c	4.	c	5.	a	6.	d	7.	d	8.	c	9.	c	10.	b
11.	d	12.	a	13.	d	14.	d	15.	c	16.	c	17.	b						

My Notes

My Notes

[illegible]