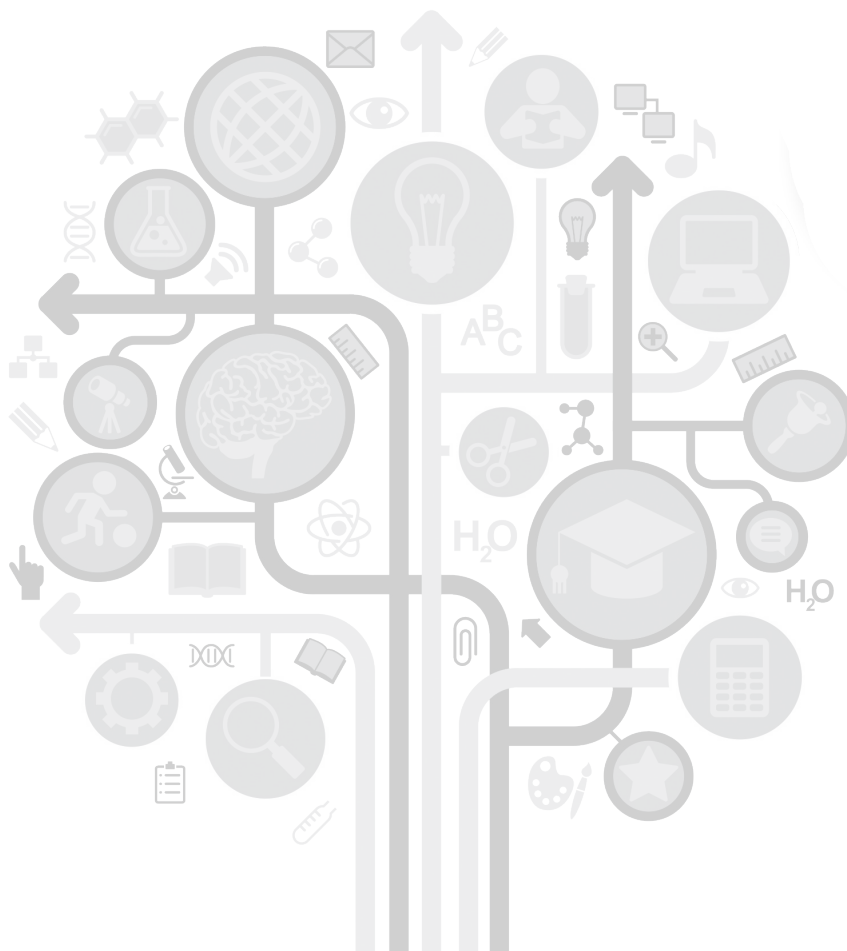




PRACTICE BOOK



GRADE
10

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

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Any errors or omissions are unintentional. We would be grateful for notification of corrections that should be incorporated in the future reprints.

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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. What does application of Phenyl mercuric acetate on plant leaves result in?
 - a. reduced photosynthesis
 - b. reduced transpiration
 - c. reduced respiration
 - d. killing of plants
2. What is the gestation period of an African elephant?
 - a. six months
 - b. nine months
 - c. one year
 - d. twenty-two months
3. Pulse rate is measured by feeling the heart beat for _____.
 - a. 30 sec
 - b. 15 sec
 - c. 120 sec
 - d. 60 sec
4. What is a gecko?
 - a. bat
 - b. chameleon
 - c. house lizard
 - d. none of these
5. Which of the following animal uses its digestive tract to release nitrogenous waste?
 - a. earthworm
 - b. grasshopper
 - c. hydra
 - d. all of these
6. Which among the following is not a form of sea shells?
 - a. suminoe
 - b. turban
 - c. cockles
 - d. flat periwinkle
7. Which is the weakest sense in birds?
 - a. hearing
 - b. smell
 - c. touch
 - d. all of these
8. Which bird locates its prey by smell?
 - a. owl
 - b. ostrich
 - c. kiwi
 - d. hummingbird
9. How many chambers are there in the heart of a cockroach?
 - a. 3
 - b. 4
 - c. 2
 - d. 13
10. Meerkats are not cats. Which animal family do they belong to?
 - a. mongoose
 - b. dog
 - c. gibbon
 - d. elephant
11. To which animal does the Latin name of *Panthera leo* apply?
 - a. tiger
 - b. lion
 - c. zebra
 - d. giraffe
12. Which among the following is an alleged hybrid species of chimpanzees and gorillas called?
 - a. koolakamba
 - b. bonobo
 - c. pygmy chimpanzee
 - d. none of these
13. Birds replace their feathers periodically through the process called _____.

- a. molting b. migration
 - c. shedding d. preening
14. **Find a word for the description below.**
- A plant community which has grown on its own with no human aid and has been left undisturbed for a long time.**
- a. endemic vegetation
 - b. virgin vegetation
 - c. natural vegetation
 - d. desert vegetation
15. **Animals and plants that exist in an area are interdependent and interrelated to each other. What is this interrelationship and interdependence called?**
- a. physical environment
 - b. ecosystem
 - c. biomes
 - d. food chain
16. **Teak is the most dominant species in _____.**
- a. tropical evergreen forests
 - b. tropical thorn forests and scrubs
 - c. tropical deciduous forests
 - d. mangrove forests
17. **_____ are set up to take care of natural heritage.**
- a. national parks
 - b. wildlife sanctuaries
 - c. zoological gardens
 - d. all of these
18. **What crisis will we face first if we clear half of the forests covering the earth?**
- a. some species will be extinct
 - b. population and ecological imbalance will rise up
 - c. energy crisis will occur
 - d. the remaining forests will maintain this imbalance
19. **By which method can a viable material of endangered species be preserved?**
- a. gene bank
 - b. gene library
 - c. herbarium
 - d. gene pool
20. **Synecology deals with the study of _____.**
- a. ecology of populations
 - b. ecology of species
 - c. ecology of a community
 - d. all of these
21. **In a food chain of grassland ecosystem, the top consumers are:**
- a. herbivores b. carnivores
 - c. omnivores d. bacteria
22. **Which poisonous bird is also known as the 'garbage bird'?**
- a. syrinx
 - b. swift
 - c. bearded vulture
 - d. hooded pitohui
23. **Who among the following proposed the term 'Biocoenosis'?**
- a. Transley
 - b. Warming
 - c. Karl Mobius
 - d. Whitaker

24. Why is there a difference in the duration of sunlight at different places?
- due to difference in altitudes
 - due to difference in water bodies
 - due to difference in longitudes
 - due to difference in latitudes
25. What restricts the growth of tropical evergreen forests?
- temperature
 - rainfall
 - air pressure
 - air current
26. Identify this ray-finned fish in the family Salmonidae. As a result of commercial fishing, their numbers have reduced and is now an endangered species.
- Atlantic striped bass
 - king Mackerel
 - Atlantic salmon
 - blue Mussel
27. Abscissic acid, a plant hormone, is used to control _____.
- cell division
 - leaf fall and dormancy
 - shoot elongation
 - cell elongation and wall formation
28. This bird is native to New Zealand. It is also referred as 'honorary mammal'.
- duck
 - kiwi
 - hummingbird
 - woodpecker
29. Biotic potential is counteracted by:
- competition with other organisms
 - limitation of food
 - producer is the largest
 - water scarcity
30. The major cholesterol producing centre in human body is:
- liver
 - kidney
 - heart
 - intestine

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

Mapping The World

1. **This Greek theatre was constructed in 4th century BCE. It is built near modern day Lygourio.**
 - a. theatre of Argos
 - b. theatre of Megalopolis
 - c. ancient theatre of Epidaurus
 - d. none of these
2. **Who among the following is called the father of modern medicine?**
 - a. Euclid
 - b. Pythagoras
 - c. Hippocrates
 - d. Eratosthenes
3. **Brazil was discovered in the year _____.**
 - a. 1500
 - b. 1510
 - c. 1520
 - d. 1515
4. **Where is the headquarters of the European Economic Community?**
 - a. London
 - b. Vatican City
 - c. Berlin
 - d. Brussels
5. **Which of the following is an example of Isthmus?**
 - a. Don
 - b. Orange
 - c. Volga
 - d. Panama
6. **The first country in the world to implement GST was:**
 - a. France
 - b. USA
 - c. Canada
 - d. Thailand
7. **The currency of Sweden is:**
 - a. Krona
 - b. Dollar
 - c. Dramcha
 - d. Dirham
8. **What is the complete name of World Bank?**
 - a. International Finance Corporation
 - b. International Bank for Reconstruction and Development
 - c. International Monetary Fund
 - d. International Development Authority
9. **Which of the following does not belong to Africa?**
 - a. Danakil desert
 - b. Namib desert
 - c. Kalahari desert
 - d. Dasht-e Lut
10. **When did World War II begin?**
 - a. 28 June, 1914
 - b. 11 November, 1918
 - c. 3 September, 1939
 - d. 1 June, 1941
11. **The southern tip of which of these continents is closest to Antarctica?**
 - a. Africa
 - b. Australia
 - c. South America
 - d. none of these
12. **Who said that man was a "political animal"?**
 - a. Aristotle
 - b. Karl Marx
 - c. Lenin
 - d. Plato
13. **Who was the Emperor of Russia during the 1905 Russian Revolution?**
 - a. Nicholas I
 - b. Nicholas II
 - c. Alexander I
 - d. Alexander II

14. In 2004, the South Asian Free Trade Area agreement was signed. It has not been a success because of:

1. narrow export base of countries
2. lack of bilateral free trade agreements
3. political hurdles

Select the correct answer.

- a. 1 and 2
- b. 1 and 3
- c. 2 and 3
- d. 1, 2 and 3

15. Given below are few statements about NPT and CTBT.

1. India has neither signed NPT nor ratified it.
2. India has signed CTBT but not yet ratified it.

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

16. Kaladan is a multi-modal transit transport project between India and Myanmar. Which of the following modes of transport does it consist of?

1. roads
2. railways
3. shipping
4. inland water transport

Select the correct answer.

- a. 1, 2 and 3
- b. 1, 3 and 4
- c. 2, 3 and 4
- d. 1, 2, 3 and 4

17. The 'Ahmadiyya Movement' was initiated by which of the following?

- a. Mirza Gulam Ahmad
- b. Syed Shariat Allah
- c. Babaruddin Tayyabji
- d. Syed Ahmed Khan

18. This city is located in Poland. The mermaid (Syrenka) is a famous symbol of this city. Name the city.

- a. Sopot
- b. Gdynia
- c. Wrocław
- d. Warsaw

19. Which of the following countries is not a part of Caucasian countries?

- a. Afghanistan
- b. Armenia
- c. Azerbaijan
- d. Georgia

20. Which country is known as 'Land of Golden Fibre'?

- a. Nepal
- b. China
- c. Austria
- d. Bangladesh

21. The 'Haka' is a traditional dance form which comes from _____.

- a. Australia
- b. Indonesia
- c. Japan
- d. New Zealand

22. Where is the desert Taklamakan situated?

- a. Afghanistan
- b. China
- c. Turkmenistan
- d. Brazil

23. Who is known as "Father of History"?
- a. Mark Antony b. Nero
c. Herodotus d. Homer
24. In which city is the famous historical monument Al Khazneh located?
- a. Giza b. Tehran
c. Baghdad d. Petra
25. Communist revolutionary Che Guevara was born in the city:
- a. Havana b. Rosario
c. Matanzas d. San Juan
26. Sir William Wallace fought for the independence of:
- a. Denmark b. Scotland
c. Ireland d. Italy
27. The capital of Kenya is:
- a. Kinshasa b. Nairobi
c. Pretoria d. Dhaka
28. Which of the following continents has no glacier?
- a. North America b. Africa
c. Australia d. Europe
29. The old name of Thailand was:
- a. Ceylon b. Siam
c. Zaire d. Persia
30. Zimbabwe is the new name of:
- a. Southern Rhodesia
b. Northern Rhodesia
c. Persia
d. Turkey

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)

Sports and Games

1. **With which of the following games is Yelena Isinbayeva associated?**
 - a. swimming
 - b. pole vault
 - c. boxing
 - d. chess
2. **Name the first professional boxer to go undefeated throughout his career.**
 - a. Rocky Marciano
 - b. Lee Eperson
 - c. Larry Holmes
 - d. Michael Spinks
3. **Who among the following was promoted as an umpire for International Hockey Federation (FIH) recently?**
 - a. Deepika Kaul
 - b. Nepoleon Singh
 - c. Satinder Sharma
 - d. Durga Thakur
4. **Which one of the following activities would be most effective in strengthening biceps?**
 - a. football
 - b. high jump
 - c. canoeing
 - d. hill walking
5. **Which one of the following is a typical problem associated with muscles when participating in physical activities?**
 - a. stretching
 - b. getting out of breath
 - c. arthritis
 - d. inflammation
6. **Who holds the highest number of world records in swimming?**
 - a. Paul Biedermann
 - b. Michael Phelps
 - c. Ryan Lochte
 - d. Aaron Peirsol
7. **Which company is the official tennis ball supplier to the Wimbledon?**
 - a. Nike
 - b. ZEBCO
 - c. Slazenger
 - d. SIS
8. **Name the official mascot for FIFA World Cup 2018.**
 - a. Giant Anteater
 - b. Armadillo
 - c. Zabivaka
 - d. Otter

9. Which country won the first football World Cup?

- a. Brazil b. Germany
- c. Uruguay d. Argentina

10. In which country was FIFA World Cup 2018 played?

- a. Qatar
- b. Russia
- c. South Korea
- d. France

11. In cricket, the term _____ is used when a batsman gets out without scoring a single run.

- a. drive
- b. duck
- c. googly
- d. yorker

12. Which two countries have hosted the Football World Cup tournament twice?

- a. France and Brazil
- b. Mexico and Italy
- c. Germany and Japan
- d. Argentina and Mexico

13. The trophy known by the name of Grand Prix is associated with:

- a. table tennis
- b. cricket
- c. hockey
- d. swimming

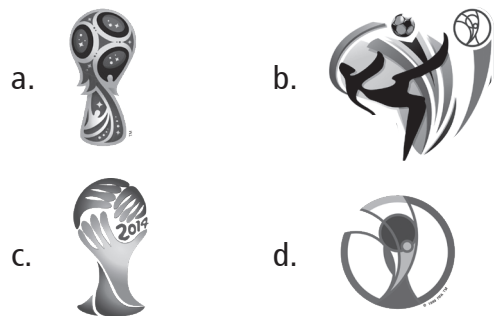
14. Gillette Cup is associated with which sport?

- a. chess
- b. cricket
- c. football
- d. hockey

15. Who won the Rajiv Khel Ratna Award in 2018?

- a. Sardara Singh
- b. Virat Kohli
- c. Mirabai Chanu
- d. both b. and c.

16. The logo of FIFA 2018 was:



17. The table below lists some football clubs and countries. Match them correctly and find 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)

18. The national sport of Canada is:

- a. hockey
- b. rugby
- c. soccer
- d. lacrosse

19. The first FIFA Club World Championship was played in:

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

20. Which country hosted the Winter Paralympics in 2018?

- a. Brazil
- b. Austria
- c. South Korea
- d. Norway

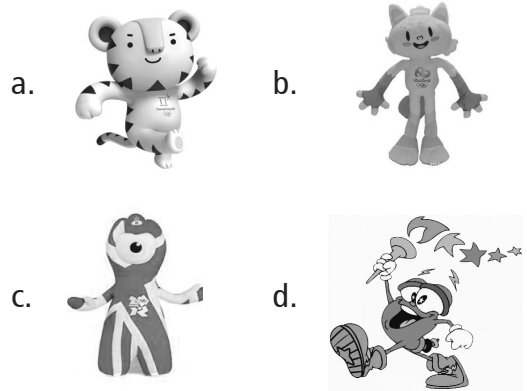
21. Who won the World Chess Championship in 2018?

- a. V. Anand
- b. Sergey Karjakin
- c. Fabiano Caruana
- d. Magnus Carlsen

22. Usain Bolt won gold in men's 100-metre final at Rio Olympics. Which country does he belong to?

- a. Anguilla
- b. Barbados
- c. Cameroon
- d. Jamaica

23. The official mascot of 2018 Winter Olympics was:



24. Aerobics improves:

- a. flexibility and muscular strength
- b. cardiovascular fitness
- c. dancing skill
- d. both a. and b.

25. Aerobic exercise is also known as:

- a. cardio
- b. physio
- c. musculo
- d. physio-cardio

26. Which of the following sports is associated with the Murugappa Gold Cup?

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

27. 'Pugilists' are also known as:

- a. athletes
- b. chess players
- c. boxers
- d. archers

28. The game is played on an outdoor grass field. The players use mallets with long, flexible handles to drive a wooden ball down a grass field and between two goal posts. Identify the game.

- a. steer wrestling
- b. polo
- c. barrel racing
- d. none of the above

29. 'Ruud Gullit' is associated with which sport?

- a. volleyball
- b. football
- c. athletics
- d. basketball

30. Which game is the term 'ground stroke' associated with?

- a. tennis
- b. badminton
- c. table tennis
- d. draughts

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)

1. _____ empowers the President of India to appoint the Prime Minister of the country.
 - a. Article 74
 - b. Article 75
 - c. Article 76
 - d. Article 77
2. Who among the following received both Bharat Ratna & Nishan-e-Pakistan?
 - a. Sarojini Naidu
 - b. Sardar Vallabhbhai Patel
 - c. Mahatma Gandhi
 - d. Morarji Desai
3. Which Indian city's name was changed to Prayagraj in 2018?
 - a. Allahabad
 - b. Varanasi
 - c. Aligarh
 - d. Jhansi
4. What is the name of the tribe that is battling against Vedanta Ltd. for preservation of Niyamgiri hills?
 - a. The Kondha or Kandha
 - b. Kandha Gauda
 - c. Oriya Munda
 - d. Dongria Kondh
5. Birhors are:
 - a. tribal people in Meghalaya
 - b. tribal people in Ladakh
 - c. tribal people in Jharkhand
 - d. tribal people in Andhra Pradesh
6. Who said these famous word: "Without peace, all other dreams vanish and are reduced to ashes"?
 - a. Mukhtar Ahmed Ansari
 - b. Motilal Nehru
 - c. Pt. Jawaharlal Nehru
 - d. Vallabhbhai Patel
7. When did India adopt a written constitution?
 - a. November 26, 1949
 - b. January 26, 1950
 - c. January 1, 1997
 - d. January 1, 1999
8. Which is the tallest statue in India?
 - a. Statue of Unity
 - b. Statue of Peace
 - c. Statue of Equality
 - d. Statue of Liberty
9. This fort is located in Uttar Pradesh. It has the Moti Mahal and the Sheesh Mahal. Identify the fort.
 - a. Gwalior fort
 - b. Amber fort
 - c. Agra fort
 - d. Red fort
10. Arunachal Pradesh was earlier known as:
 - a. NEFA
 - b. NEEA
 - c. NFEA
 - d. NEEE

11. Which state in India after Kerala has the highest production of rubber?
- Tamil Nadu
 - Madhya Pradesh
 - Manipur
 - Tripura
12. Which are the two World Heritage Sites in the North-east India?
- Corbett and Manas wildlife sanctuary
 - Kaziranga and Manas Wildlife Sanctuary
 - Corbett and Kaziranga Wildlife Sanctuary
 - None of these
13. What was the name of Vikram Seth's novel in verse which won him the Sahitya Akademi Award in 1988?
- The Golden Gate
 - The Silver Gate
 - The Golden Window
 - The Silver Window
14. Name the Indian monument which was included in UNESCO's World Heritage Site list in June 2007.
- Taj Mahal
 - Agra Fort
 - Red Fort
 - Bhanganr Fort
15. The British called _____ as the 'Father of Indian Unrest'.
- Gopal Krishna Gokhale
 - Bal Gangadhar Tilak
 - Lala Lajpat Rai
 - Madan Mohan Malaviya
16. Bal Gangadhar Tilak published a newspaper by the name 'Kesari'. In which language was the paper published?
- Marathi
 - Hindi
 - English
 - both b. and c.
17. Who among the following became the youngest President of the Indian National Congress in 1923?
- Motilal Nehru
 - Abul Kalam Azad
 - Lala Lajpat Rai
 - M M Malaviya
18. The Great Derangement is a book written by:
- Jhumpa Lahiri
 - Amitav Ghosh
 - Arundhati Roy
 - Aravind Adiga
19. Who was the founder of the Mauryan dynasty?
- Chandra Gupta Maurya
 - Kumaragupta
 - Skandagupta
 - Ashoka
20. Who among the following started the Home Rule League?
- M. K. Gandhi
 - B. G. Tilak
 - Ranade
 - Veer Savarkar
21. Consider the following statements regarding the National Calendar of India:

1. The National Calendar is based on the Saka Era, with Chaitra as its first month with 1 Chaitra falling on March 22 normally.
2. Dates of the National Calendar have permanent correspondence with dates of the Grego calendar, which is used along with national calendar for the official purposes.

Identify the correct statements:

- a. 1
- b. 2
- c. both a and b
- d. none of these

22. Consider the following statements regarding National Song of India :

1. It has a lower status with respect to to the National Anthem of India.
2. The song Vande Mataram is the National Song of India and was composed in Sanskrit by Bankimchandra Chatterji.

Identify the correct statements:

- a. 1
- b. 2
- c. both a and b
- d. none

23. Who is responsible for the construction and maintenance of the national highways?

- a. State Government
- b. Central Government
- c. Federal Government
- d. National Government

24. The Indian state Jammu and Kashmir has:

- a. separate local bodies
- b. separate defence forces
- c. a separate judiciary
- d. a separate constitution

25. The Maitree Express connects India with _____.

- a. Myanmar
- b. Pakistan
- c. Bangladesh
- d. Nepal

26. _____ is known to have prepared the systematic history of ancient India.

- a. William Jones
- b. Karl Marx
- c. Vincent Arthur Smith
- d. F W Hegel

27. Ancient coins were made of

1. Copper 2. Gold
3. Silver 4. Lead

Choose the correct options.

- a. only 1, 2, 3
- b. only 2, 3
- c. only 1, 3, 4
- d. all of these

28. Fatehpur Sikri is famous for _____.

- a. Panch Mahal
- b. Vijay Ghat
- c. Charminar
- d. none of these

29. It is a historical site attracting visitors from all over the world. It retains the mummified remains of St. Francis Xavier. Name the church and its location.
- St. Francis Church, Kerala
 - Reis Magos Church, Goa
 - Santa Cruz Basilica, Kerala
 - Basilica of Bom Jesus, Goa
30. Which among the following is a model code of conduct to be followed by parties and candidates during elections?
- laid down in the constitution of India
 - specified in the representation of the People Act, 1951
 - enjoined by the supreme court
 - a voluntary agreement among recognized political parties

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

The Scientific World

1. **The first satellite to be placed in orbit by an Indian made launch vehicle SLV-3 was:**
 - a. Aryabhata
 - b. Rohini
 - c. Bhaskara-1
 - d. INSAT
2. **In which of the following fields is B C Roy Award given?**
 - a. music
 - b. journalism
 - c. medicine
 - d. environment
3. **Alexander Graham Bell was awarded US patent for his invention of:**
 - a. telescope
 - b. telephone
 - c. telegraph
 - d. fluoroscope
4. **The substances mixed before an ore is subjected for smelting in the extraction of iron are:**
 - a. coke and silica
 - b. coke and limestone
 - c. limestone and silica
 - d. coke, limestone and silica
5. **Scientist Nikola Tesla immigrated to the United States in 1884 to work for another famous scientist whose name was:**
 - a. Pierre Curie
 - b. Charles Darwin
 - c. Thomas Edison
 - d. Niels Bohr
6. **Virology is the study of viruses and the diseases caused by them. Who is considered to be the Father of Virology?**
 - a. Beijerinck
 - b. Andre Iwolf
 - c. Louis Pasteur
 - d. William Harvey
7. **Protanopia is a type of:**
 - a. colour blindness
 - b. fever
 - c. nerve disorder
 - d. deficiency
8. **_____ propounded the theory that hysteria presents undischarged emotional energy.**
 - a. William Harvey
 - b. Edward Jenner
 - c. Sigmund Freud
 - d. Johann Bayer
9. **Which among the following is used for measuring very high temperatures?**
 - a. pyroscope
 - b. pyrometer
 - c. seismograph
 - d. xylometer

10. Nephrology is the study of _____.
- liver
 - kidneys
 - pancreas
 - nervous system
11. _____ is used in airport landing lights and in light houses.
- Argon
 - Neon
 - Krypton
 - none of the above
12. Nuclear power was used for the first time to produce electricity in:
- 1951
 - 1955
 - 1959
 - 1961
13. Complete the following.
Error of measurement =
- true value – measured value
 - precision – true value
 - measured value – precision
 - none of the above
14. The chemical name of 'Chinese white' is:
- Zinc sulphide
 - zinc oxide
 - zinc chloride
 - zinc chlorate
15. The age of fossils is determined by _____.
- fossil colour
 - noble gases
 - carbon
 - radioactive carbon
16. Where will you find the sporozoites of the malarial parasite?
- red blood corpuscles of human suffering from malaria
 - saliva of infected female Anopheles mosquito
 - salivary glands of freshly moulted female Anopheles mosquito
 - spleen of infected humans
17. Given below are some institutes and their locations. Find the correct match.
- National Institute of Virology-Pune
 - National Institute of Communicable Diseases-Lucknow
 - Central Drug Research Institute-Kasauli
 - National Institute of Nutrition-Mumbai
18. Winter frost damages or kills plants. This happens because:
- they cannot transpire at such low temperatures
 - no photosynthesis takes place at such low temperatures
 - respiration ceases at such low temperatures
 - of desiccation and mechanical damage to tissues
19. X-rays were discovered by:
- Wilhelm Röntgen
 - Elihu Thomson
 - Ernest Rutherford
 - Henri Becquerel

20. **Geostationary satellites are used to _____.**
- predict weather
 - control drones
 - control arms and ammunition
 - none of these
21. **The first set of angle gauges was developed by Dr Tamlison. An angle gauge consists of a set of _____.**
- 10 gauges
 - 12 gauges
 - 14 gauges
 - 16 gauges
22. **Hydrogen peroxide is used for oil paintings. It is used to:**
- clean the dirt on a painting
 - restore the colour of old oil paintings
 - lessen the impact
 - none of these
23. **Name the first Nuclear Reactor made in India.**
- Cirus
 - Dhruva
 - Kamini
 - Apsara
24. **The National Aeronautics and Space Administration was established on July 29, 1958 under which U.S. President?**
- Harry Truman
 - John Kennedy
 - Dwight D. Eisenhower
 - Lyndon Johnson
25. **The International Space Station is a joint project of five space agencies, including NASA. Which space Agency is not part of the project?**
- Japan Aerospace Exploration Agency
 - Canadian Space Agency
 - Russian Federal Space Agency
 - China National Space Administration
26. **Name the American botanist and plant pathologist who first discovered bacterial causes for plant disease.**
- Thomas Jonathan Burrill
 - Needham
 - Louis Pasteur
 - Leeuwenhoek
27. **Foot rot of papaya is caused by:**
- Phytophthora palmivora*
 - Pythium aphanidermatum*
 - Peronospora parasitica*
 - Albugo candida*
28. **Muddy water is often treated with alum to purify it. This process is called _____.**
- catalyst
 - coagulation
 - fixation
 - none of the above

29. Name the first international forum to unite eminent women scientists from the developing and developed worlds with the objective of strengthening their role in the development process and promoting their representation in scientific and technological leadership.

- a. TWNS b. OWDS
- c. OWSD d. TWAS

30. Which one of the following pairs of diseases is viral as well as transmitted by mosquitoes?

- a. encephalitis and sleeping sickness
- b. yellow fever and sleeping sickness
- c. elephantiasis and dengue
- d. yellow fever and dengue

Darken your choice with HB pencil

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

Earth and Its Environment

1. **A septic tank is:**
 - a. an aerobic attached growth treatment system
 - b. an aerobic suspended growth biological treatment system
 - c. an anaerobic attached growth biological treatment system
 - d. an anaerobic suspended growth treatment system
2. **Among the following, the only secondary pollutant is:**
 - a. sulphur tetraoxide
 - b. sulphur dioxide
 - c. ozone
 - d. sulphur trioxide
3. **What are tremors occurring in the Earth's crust known as?**
 - a. earthquakes
 - b. volcanic eruptions
 - c. bed eruptions
 - d. volcano-earthquake
4. **Which of the given statements is true about sulphur dioxide?**
 - a. It can create smog.
 - b. It can create sulfuric acid, especially in the presence of particulates.
 - c. It is released through the combustion of sulfur containing fossil fuels.
 - d. all of these
5. **Temperature of thermosphere is up to:**
 - a. 120 °C
 - b. 1200 °C
 - c. 1800 °C
 - d. 1000 °C
6. **The word tundra means:**
 - a. fertile land
 - b. treeless plain
 - c. flooded land
 - d. drought land
7. **It is a season in the West African subcontinent. It occurs between the end of November and the middle of March and is characterised by dry and dusty winds. Name the season.**
 - a. Harnattan
 - b. summer wind
 - c. desert wind
 - d. Harmattan
8. **In which of the following ways can high level radioactive waste be managed?**
 - a. open dumping
 - b. composting
 - c. incineration
 - d. dumping in sealed containers

9. **Forest Act 1927 is:**
- setting up and managing reserved forests, protected forests and village forests
 - control of movement of forest product
 - protection of non government forests and forest land
 - all of the above

10. _____ ensures environmental stability and maintenance of ecological balance.

- Forest Act 1927
- National Forest Policy 1988
- Wildlife Act 1972
- Wild Life Protection Act 1991

11. The Cartagena Protocol is an international agreement regarding safe use, transfer and handling of _____.

- nuclear waste
- invasive Alien Species
- living Modified Organisms(LMOs)
- toxic bye-products and industrial effluents

12. Given below are some statements regarding the 'Kyoto Protocol'.

- It is legally binding for Annex I countries.
- It emerged from the deliberations of COP-3 to the UNFCCC.
- The signatories have to reduce their individual greenhouse gas emissions by 5.2% from the levels relative to 1990 levels.

Which among the above Statement(s) is/are correct?

- only 2
- 1 and 2
- 2 and 3
- 1, 2 and 3

13. **Excess fluoride in drinking water is likely to cause:**

- blue baby syndrome
- fluorosis
- change in taste and odour
- intestinal irritation

14. **Which of the following are characteristics of a desert area?**

- low evaporation
- heavy precipitation
- scanty vegetation
- all of these

15. **Given below are some chronic lung diseases. Which among them is commonly known as 'black lung disease, and leads to reduced life expectancy in coal-miners?**

- pneumoconiosis
- progressive massive fibrosis
- mesothelioma
- collier's asthma

16. **The oceanic crust is called:**

- sial
- sima
- nife
- sini

17. **Under very high heat and pressure, limestone changes to:**

- granite
- slate
- marble
- basalt

18. He was a journalist who wrote the first report on the 'State of India's Environment' in 1982. He founded the Centre for Science and Environment which is an active NGO that supports various environmental issues. Name the environmentalist.
- Anil Agarwal
 - M C Mehta
 - Medha Patkar
 - Madhav Gadgil
19. _____ is also known as the 'Founder of Earth Day'.
- M C Mehta
 - Wangari Maathai
 - Gaylord Nelson
 - Madhav Gadgil
20. Conservation of grasslands is done by:
- protection from grazing of severely damaged vegetation
 - rotational grazing
 - conservation of soil and water
 - all of these
21. The famous Canadian environmentalist who created the popular television series 'The Nature of Things' is:
- David Suzuki
 - Steve Irwin
 - Rachel Carson
 - John Muir
22. Which of the following gets affected due to fluoride pollution?
- kidney
 - brain
 - heart
 - teeth
23. The key objective of the convention at Rio de Janeiro of Earth Summit in 1992 was:
- conservation of biological diversity
 - sustainable use of biodiversity
 - fair and equitable sharing of benefits arising out of utilisation of genetic resources
 - all of these
24. The concept of 'Biosphere Reserve' was developed by:
- Government of India
 - Botanical Survey of India
 - UNESCO
 - UNDP
25. Tawa irrigation project is in:
- Maharashtra
 - Madhya Pradesh
 - Odisha
 - Haryana
26. The debris or fragments of rock material brought down with the movement of glacier is called _____.
- soil erosion
 - moraine
 - phenology
 - none of the above
27. What is a temperate grassland or a shrub land biome commonly known as?
- Steppe in Central Asia
 - Prairie in North America
 - Veld in South America
- Choose the correct option.

- a. 1 and 2 b. 1 and 3
c. 2 and 3 d. 1, 2 and 3
28. The disease first discovered in Japan caused due to eating of fish inhabiting mercury contaminated water was called:
- a. Bright's disease
b. Hiroshima episode
c. Minamata disease
d. Osteosclerosis
29. Pollution in water can be identified by testing its _____.
a. pH level
b. Biological oxygen demand (BOD)
c. both a. and b.
d. none of these
30. Which among the following is not a landlocked country?
a. Ecuador b. Paraguay
c. Andorra d. Uzbekistan
31. What is the status of red pandas (*Ailurus fulgens*) according to the IUCN Red List?
a. critically endangered
b. endangered species
c. vulnerable species
d. extinct species
32. With reference to the classification of natural disasters, consider the following statements:
1. Broadly, natural disasters can be classified under four categories: atmospheric, terrestrial, aquatic and biological.
 2. Bird flu, dengue are examples of aquatic disasters.
 3. India has experienced all the four kinds of natural disasters.
- a. 1 only
b. 1 and 2 only
c. 1, 2 and 3
d. 1 and 3 only

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)

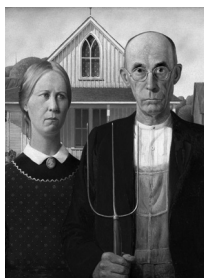
17. (a) (b) (c) (d)
18. (a) (b) (c) (d)
19. (a) (b) (c) (d)
20. (a) (b) (c) (d)
21. (a) (b) (c) (d)
22. (a) (b) (c) (d)
23. (a) (b) (c) (d)
24. (a) (b) (c) (d)

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)

Literature, Art and Music

1. The book 'Forbidden Verses' is written by _____.
 - a. Salman Rushdie
 - b. Abu Nuwas
 - c. Ms. Taslima Nasrin
 - d. D.H. Lawrence
2. Vincent Van Gogh belonged to _____.
 - a. The Netherlands
 - b. Italy
 - c. France
 - d. Spain
3. Famous artist Teejan Bai is associated with _____.
 - a. Pandavani
 - b. Burra Katha
 - c. Lavani
 - d. none of the above
4. Robin Williams was a/an _____.
 - a. Nobel Prize winning author
 - b. economist
 - c. music composer
 - d. actor and Comedian
5. Who is the author of the book 'A Voice of Freedom'?
 - a. Corazon Aquino
 - b. Nayantara Sahgal
 - c. Aung San Suu Kyi
 - d. Benazir Bhutto
6. Which of the following Shakespearean play has the characters Cordelia, Goneril and Regan?
 - a. Pericles
 - b. King Lear
 - c. A Midsummer Night's Dream
 - d. Cymbeline
7. Who is the brand ambassador for Fama Di Wills range of products?
 - a. Kareena Kapoor
 - b. Sonam Kapoor
 - c. Deepika Padukone
 - d. Priyanka Chopra
8. Which company's slogan is "Powered by intellect, driven by values"?
 - a. Infosys
 - b. Microsoft
 - c. Google
 - d. HCL
9. Which of the following states awards the Meera Puraskar?
 - a. Gujarat
 - b. Maharashtra
 - c. Rajasthan
 - d. Haryana

10. Shakespeare joined the Lord Chamberlain's Men Theatrical Company as a:
 - a. actor and playwright
 - b. playwright and poet
 - c. playwright and writer
 - d. none of above
11. Philately, a hobby of stamp collection, is described as:
 - a. hobby of kids and kings
 - b. hobby of housewives
 - c. hobby of gentleman
 - d. hobby of peon
12. The first woman on the Indian stamp was:
 - a. Indira Gandhi
 - b. Meera Bai
 - c. Sarojini Naidu
 - d. Mahadevi Verma
13. Shakespeare's narrative poem 'Venus and Adonis' is dedicated to _____.
 - a. Henry Wriothesley, the third Earl of Southampton
 - b. Thomas Wriothesley, forth Earl of Southampton
 - c. William Fitzwilliam, first Earl of Southampton
 - d. Henry Wriothesley, the second Earl of Southampton
14. Name the painting.
 - a. Michelangelo's Sistine Chapel
 - b. Beethoven's Eroica
 - c. Giotto's Arena Chapel
 - d. American Gothic
15. Who among the following was awarded as 'Artist of the Year' at the 2018 American Music Awards (AMAs)?
 - a. Taylor Swift
 - b. Selena Gomez
 - c. Robert Stewen
 - d. Ariana Grande
16. What is the original name of 'Mahabharata'?
 - a. Katha Saritsagar
 - b. Jaya Samhita
 - c. Vrahat Katha
 - d. Rajatarangini
17. "Man without society is either a beast or a God". These famous words were said by _____.
 - a. Plato
 - b. Gandhi
 - c. Aristotle
 - d. Henry Maine
18. Who is the director of the film 'Maya Memsaab'?
 - a. Shyam Benegal
 - b. Ketan Mehta
 - c. Bhupen Hazarika
 - d. Anurag Basu
19. Which agency made the famous award winning Hutch dog and boy commercial?
 - a. H & M
 - b. M & H
 - c. O & M
 - d. Vodafone



20. The famous character 'Pickwick' was created by:
- Steven Spielberg
 - Leo Tolstoy
 - Walt Disney
 - Charles Dickens
21. Essays of Elia are:
- full of didactic sermonising
 - practically autobiographical fragments
 - remarkable for their aphoristic style
 - satirical and critical
22. Who among the following painted the famous painting Guernica?
- Pablo Picasso
 - Vincent Van Gogh
 - Michelangelo
 - none of the above
23. 'The general happiness is the end of the state'. These famous words were said by _____.
- Hegel
 - Bentham
 - Plato
 - Green
24. Shakespeare's Henry IV, Pt I contains his _____.
- senecan attitude
 - patriotism
 - love of nature
 - platonic ideals
25. Who was the teacher of Helen Keller?
- A G Bell
 - Susan B Anthony
 - Anne Sullivan
 - Cathy Bryenton
26. Satya Nadella was awarded with the Pravasi Bhartiya Samman in the year 2015. He is the CEO of _____.
- Oracle
 - Microsoft
 - International Bussiness Machines (IBM)
 - Symantec

27. Given below are lists of people and the forms of art they are associated with. Match them.

List I Person

- Bhajan Sopori
- Priyadarshini Govind
- T.V. Gopalakrishnan
- Birju Maharaj

Code :

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

List II (Associated with)

- Bharatnatyam
- Kathak
- Mrudangam
- Santoor

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

28. Find the incorrect pair among the following.

- a. Ravi Shankar - Sitarist
- b. M. F. Hussain - Tabla
- c. R. K. Narayan - Novelist
- d. Kaifi Azmi - Poet

29. "The rarer action is in virtue than in vengeance." This line is taken from the play: _____.

- a. Hamlet
- b. Henry IV, Pt I
- c. The Tempest
- d. Twelfth Night

30. Soldiers fighting in _____ war were visited and encouraged by Helen Keller.

- a. World War I
- b. Vietnam War
- c. Gulf War
- d. World War II

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

1. Dhruv crosses a park diagonally. After he covers half the distance he turns right. He walks some distance and turns to left .Which direction is Dhruv facing now?
 - a. south-west
 - b. north-east
 - c. south-east
 - d. north-east
2. Sanjay said to a lady, "The son of your only brother is the brother of my wife." How is the lady related to Sanjay?
 - a. sister
 - b. grandmother
 - c. sister of father-in-law
 - d. mother
3. Which number does not belong to the given number series?
7, 16, 57, 244, 1245, 7506
 - a. 244
 - b. 57
 - c. 7
 - d. 5
4. A child was looking for his father. He went 90 metres towards east before turning to his right. He walked 20 metres before turning to his right again to look for his father at his uncle's place 30 metres from the starting point. His father was not there. From there he went 100 metres north before meeting his father in a street. At what distance did the son meet his father from the starting point?
 - a. 80 metres
 - b. 100 metres
 - c. 140 metres
 - d. 260 metres
5. Sunita distributed equal number of sweets among 25 children after which 8 sweets were left with her. If the number of children had been 28, 22 sweets would have been left. What was the total number of sweets?
 - a. 328
 - b. 348
 - c. 358
 - d. data inadequate
6. Replace the question mark .

49	100	64
9	36	4
81	1	25
19	?	15

 - a. 15
 - b. 16
 - c. 17
 - d. 18
7. There are 3 types of coins in a box: red coins, yellow coins, and blue coins. There are 10 red coins, 5 yellow coins and 3 blue coins in the box. Moreover there are 10 coins on the table. How many coins are in the box?
 - a. 28
 - b. 15
 - c. 16
 - d. 18

8. Find the number of sons in a family in which:
- each daughter has the same number of brothers as she has sisters.
 - and each son has twice as many sisters as he has brothers.
- 2
 - 3
 - 4
 - 5
9. Ashima is 10 years old. She was born two years after her parents got married. Her mother is 5 years younger than her father and 20 years older than Ashima. At what age did Ashima's father get married?
- 23 years
 - 25 years
 - 33 years
 - 35 years
10. Three friends Kumar, Sakshi and Anuj left a party at 15:15 and walked home. Kumar arrived home first. 5 minutes later at 15:30 Susan reached her place. Anuj took 10 minutes longer than Kumar to walk home. When did Anuj reach his home?
- 15:35
 - 15:40
 - 15:45
 - 15:50
11. On sports day, Team A got twice as many as team B. Team B scored 25 points less than Team C. Team C got 32 points more than Team D who scored 54 points and were at the last position. Which team won the first position on sports day?
- C
 - B
 - A
 - D

12. Statement: Education in developing countries should be given free of cost.

Argument I : Yes, it will help in universalisation of education in developing countries.

Argument II : No, this will create budgetary deficit which will lead to more problems.


- Argument I is strong.
- Only argument II is strong.
- Both the arguments are strong.
- Neither I nor II is strong.

Complete the following series. (Q13 to Q16)

13. VII, XII, XVI, XX, _____.

- XXIV
- XXVI
- XIV
- XXII


14. 

- 
- 
- 
- 

15. 

- 
- 
- 
- 

16. 

- 
- 
- 
- 

Which word does not belong with the others? (Q. 17 & 18)

17. a. cassia bark
b. pumpernickel
c. loaf
d. sourdough

18. a. modicum
b. inch
c. centimetre
d. yard

19. In an archery match, Anant's team scored more than Akshat's team but not as much as Atharv's team. Atharv's team scored more than Aanya's team. Aanya's team scored less than Akshat's team.

Which team is in second place in the descending order of scores?

- a. Atharv's team
b. Aanya's team
c. Anant's team
d. Akshat's tea

20. 169, 127, 91, 61, _____, 19, 7.

- a. 36 b. 36
c. 38 d. 37

Find the word that names a necessary part of the word. (Q. 21 - 24)

21. novel

- a. pages b. fiction
c. pictures d. learning

22. desert

- a. camel b. oasis
c. cactus d. arid

23. ownership

- a. rich b. exclusive
c. corrupt d. gigantic

24. gala

- a. celebration b. tuxedo
c. appetizer d. orator

25. When they heard the news of the hurricane, Maya and Mahesh decided to change their vacation plans. Instead of travelling to the island beach resort, they booked a room at a fancy new spa in the mountains. Their plans were a bit more expensive, but they'd heard wonderful things about the spa and they were relieved to find availability on such short notice. Choose the correct statement based on the given paragraph.

- a. Maya and Mahesh take beach vacations every year.
b. The spa is overpriced.
c. It is usually necessary to book at least six months in advance at the spa.
d. Maya and Mahesh decided to change their vacation plans because of the hurricane.

26. cyn babel means saddle horse

cyn wir means saddle ride

babel alma means horse blanket

Which word means horse ride?

- a. bell wir
b. babel wir
c. bel cyn
d. none of the above

27. Posthumous publication occurs when a book is published after the author's death. Which situation below is the best example of it?

- a. Raima's illness took her life before she was able to enjoy the amazing early reviews of her novel.
- b. Elena was honoured with a literary award for her writing career and the award was accepted by her son.
- c. Manisha's publisher cancels her book contract after she fails to deliver the manuscript on time.
- d. Charmine never thought she would love to see the third book in her trilogy published.

28. Class 1 has higher enrolment than class 2.

Class 3 has lower enrolment than class 2.

Class 1 has lower enrolment than class 3.

If the first two statements are true, the third statement is

- a. true
- b. data not complete
- c. false
- d. uncertain

29. At a cricket match, Hunny was sitting in seat 353. Maya was sitting to the right of Hunny in seat 354. In the seat to the left of Ginni, which seat is Inaya sitting in?

- a. 350
- b. 360
- c. 361
- d. 351

30. Glorify : Extol :: Worship : ?

- a. Venerate
- b. Homage
- c. Compliment
- d. Recommend

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)

Life Skills

1. **Read the statements given below. Choose the one that is true.**
 - a. Ruth Benedict argued that national personality types do not exist.
 - b. We often share personality traits with others, especially members of our own family and community.
 - c. The term model personality refers to the personality traits shared by all members of a society.
 - d. b. and c.
2. **What is CPR?**
 - a. cardiopulmonary recovery
 - b. cardio pulse recovery
 - c. cardiopulmonary resuscitation
 - d. cardiopulse resuscitation
3. **Which of the following statements are incorrect? We can save water by:**
 - a. getting a high flush toilet
 - b. steaming vegetables instead of washing
 - c. reducing outdoor watering
 - d. planting plants that need little water
4. The symbol  means:
 - a. no bicycles
 - b. no turn ahead
 - c. on way traffic
 - d. no overtaking
5. **What aspect(s) of personality are believed to have evolved in humans?**
 - a. overeating
 - b. quick response to danger
 - c. aggression in men
 - d. all of the above
6. **Which among the following are values associated with life skills?**
 - a. awareness about rights and responsibilities
 - b. concern about the welfare of others
 - c. capability of having an influence on the world
 - d. all of these
7. **Skills such as time management, getting a job, interview, computer, cooking, driving are:**
 - a. livelihood skills
 - b. life skills
 - c. learning skills
 - d. none of the above
8. **When we cope with _____ we recognise emotions and how they influence behaviour in us and others.**
 - a. stress
 - b. emotion
 - c. empathy
 - d. communication

9. Which among the following refers to a set of distinguishing human psychological traits that lead to relatively consistent and enduring responses to environmental stimuli?

- a. image
- b. personality
- c. psychological transformation
- d. lifestyle

10. The cautionary sign



means:

- a. narrow lane
- b. narrow road
- c. narrow bridge
- d. crossing ahead

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)

1. Extinction is a natural process that has occurred throughout the history of life on Earth. In the 21st century, extinction is a big problem because:
 - a. The rate of extinction is much faster than ever before.
 - b. the rate of extinction is much slower than ever before.
 - c. there are fewer species that could become extinct than ever before.
 - d. now we can record when it happens.
2. About half of Earth's biodiversity exists in its tropical rainforests. This means that tropical rain forests have:
 - a. more animals than plants
 - b. the greatest number of animals of any climate region
 - c. more plants than animals
 - d. the greatest number of different species than any other climate region
3. Consider the following statements. Identify the right ones.
 - I. Jupiter takes nearly 12 Earth years to orbit the Sun. More than twice as fast as Earth, it rotates once about every 10 hours.
 - II. Scientists also believe that the pressure in its deep interior is so high that the hydrogen present exists in a fluid metallic state.
 - a. only I
 - b. only II
 - c. both
 - d. none
4. At a cricket game, Hanif was sitting in seat 253. Maya was sitting to the right of Hanif in seat 254. In the seat of the left of Hanif was Gautam. Iqbal was sitting to the left of Gautam. Which seat is Iqbal sitting in?
 - a. 250
 - b. 251
 - c. 255
 - d. 256
5. Fact 1: Eyeglass frames cost between ₹8000 and ₹10,000.
Fact 2: Some eyeglass frames are made of titanium.
Fact 3: Some eyeglass frames are made of plastic.
If the first three statements are facts, which of the following statements must also be a fact?
 - I. Titanium eyeglass frames cost more than plastic frames.
 - II. Expensive eyeglass frames last longer than cheap frames.
 - III. Only a few eyeglass frames cost less than ₹8000.
 - a. only I
 - b. only II
 - c. II and III
 - d. none of the statements is a known fact
6. There is less wind during summer days than cloudy days.
There is always less wind during foggy days.
There is less wind in summer days than on foggy days.

If the first two statements are true, the third statement is

- true
- false
- data incomplete so no conclusion can be reached
- third statement is not linked to the previous statements

7. Some words are translated from an artificial language as:

zalka mofti means happy birthday

mofti maze means birthday party

pento gum means good day

Which word mean happiness?

- zalkagum
- zalkamaze
- zalkaness
- zalkapento

8. Find the next term of given sequence.

4, 17, 69, 277, 1109.

- 4444
- 4438
- 4429
- 4437

9. Complete the blank.

honeybee	angel	bat
kangaroo	rabbit	_____

- antelope
- owl
- grasshopper
- none of these

10. Structural adjustment loans given by the World Bank are meant for:

- encouraging capital-intensive industries
- reducing inequalities of income distribution
- increasing employment in agriculture
- increasing export-earning capacity of the borrower country

Answer questions 11-15 on the basis of the information below:

Five flatmates - Mona, Tania, Bhavna, Anshu, Meenakshi - each do one housekeeping task - mopping, sweeping, laundry, vacuuming or dusting - one day a week, Monday through Friday.

- Meenakshi does not vacuum and does not do her task on Tuesday.
- Tania does the dusting, and does not do it on Monday and Friday.
- The mopping is done on Thursday.
- Bhavna does her task, which is not vacuuming on Wednesday.
- Mona does her task on Monday.
- The laundry is done on Friday, and not by Anshu.

11. When does Tania do the dusting?

- Tuesday
- Thursday
- Monday
- Friday

12. What task does Bhavna do on Wednesday?

- sweeping
- mopping
- laundry
- dusting

13. On what day is the vacuuming done?

- Tuesday
- Monday
- Friday
- Wednesday

14. What task does Meenakshi do?

- mopping
- dusting
- laundry
- sweeping

15. What day does Anshu do her task?

- Monday
- Thursday
- Wednesday
- Friday

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)
- (a) (b) (c) (d)
- (a) (b) (c) (d)
- (a) (b) (c) (d)

- (a) (b) (c) (d)
- (a) (b) (c) (d)
- (a) (b) (c) (d)

Answers

Chapter 1: Nature And Its Glory

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

Chapter 2 : Mapping The World

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

Chapter 3 : Sports And Games

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

Chapter 4 : Discover India

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

Chapter 5 : The Scientific World

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

Chapter 6 : Earth And Its Environment

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

Chapter 7 : Literature, Art And Music

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

Chapter 8 : Reasoning

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

Chapter 9 : Life Skills

1.	b	2.	c	3.	a	4.	c	5.	d	6.	d	7.	a	8.	b	9.	b	10.	c
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Chapter 10 : HOTS

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