ANSWERS AND FEEDBACK CBT-AUGUST-2024 CLASS-6 Science

1. What is the scientific method used for?
a) To prove a theory
b) To disprove a theory
c) To explore and understand the world around us
d) To conduct experiments only

Answer: c) To explore and understand the world around us

Feedback: This question tests your understanding of the scientific method and its purpose.

2. Which of the following is an example of a scientific observation?
a) The sky is blue because it's a beautiful color
b) The sky appears blue due to the scattering of sunlight
c) The sky is blue because of the oceans
d) The sky is blue because of the trees

Answer: b) The sky appears blue due to the scattering of sunlight

Feedback: This question tests your ability to distinguish between a scientific observation and a non-scientific statement.

3. What is the role of a hypothesis in the scientific method?
a) To prove a theory
b) To disprove a theory
c) To make an educated guess about a phenomenon
d) To conduct an experiment

Answer: c) To make an educated guess about a phenomenon

Feedback: This question tests your understanding of the role of a hypothesis in the scientific method.

4.. Which of the following is an example of a scientific experiment?
a) Observing a plant grow in different conditions
b) Reading a book about plants
c) Watering a plant every day
d) Looking at a picture of a plant

Answer: a) Observing a plant grow in different conditions

Feedback: This question tests your ability to distinguish between a scientific experiment and other activities.

5.. What is the purpose of drawing conclusions in the scientific method?
a) To prove a theory
b) To disprove a theory
c) To summarize the results of an experiment
d) To make a new hypothesis

Answer: c) To summarize the results of an experiment

Feedback: This question tests your understanding of the purpose of drawing conclusions in the scientific method.

6. What is the term for the variety of different species of plants, animals, and microorganisms that live in an ecosystem?
a) Biodiversity
b) Ecosystem
c) Habitat
d) Species

Answer: a) Biodiversity

Feedback: This question tests your understanding of the concept of biodiversity.

7. Which of the following is an example of a habitat?
a) A forest
b) A desert
c) A coral reef
d) All of the above

Answer: d) All of the above

Feedback: This question tests your ability to identify different types of habitats.

8. What is the term for the process by which organisms adapt to their environment?
a) Evolution
b) Adaptation
c) Habitat
d) Species

Answer: b) Adaptation

Feedback: This question tests your understanding of the concept of adaptation.

9. Which of the following is an example of a producer in an ecosystem?
a) Mouse
b) Hawk
c) Grass
d) Fungus

Answer: c) Grass

Feedback: This question tests your ability to identify different trophic levels in an ecosystem.

10. What is the term for the scientific study of the structure, behavior, and evolution of the universe of organisms?
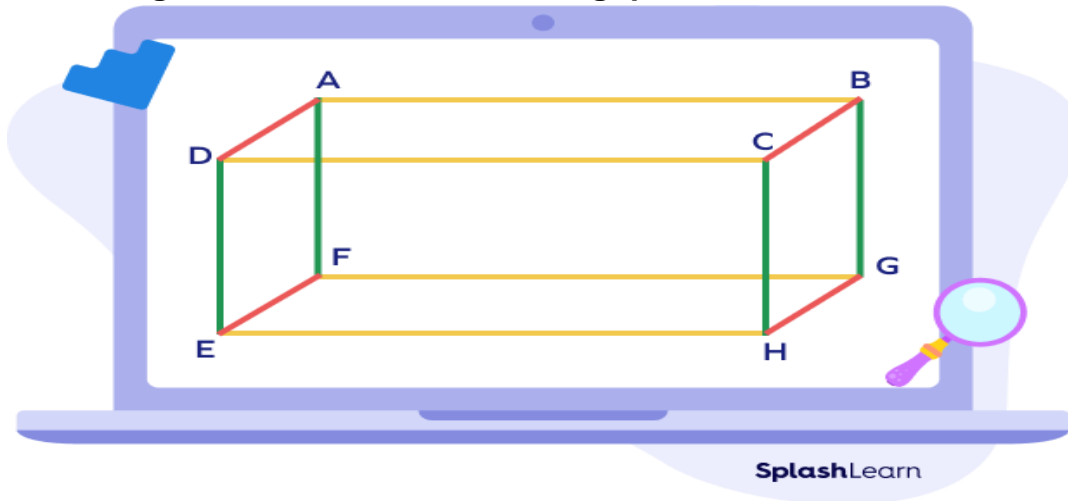
a) Botany
b) Zoology
c) Ecology
d) Biology

Answer: d) Biology

Feedback: This question tests your understanding of the scope of biology as a subject.

CBT- CLASS VI (MATHEMATICS)
MONTH- AUGUST

See the figure and answer the following questions:-

1. This figure is called ?
   (a) 2 – D Shape
   (b) (b) 3-D Shape
   (c) (c) 4 -D Shape
   (d) (d) 5 –D Shape

Ans- (b)
Feedback - In geometry this figure is called 3 – D Shape.

2. What is the name of this figure ?
   (a) cuboid
   (b) (b) cube
   (c) (c) cone
   (d) (d) prism

Ans- (a)
Feedback - In geometry this shape is called cuboid.

3. Total number of vertices in this shape ?

   (a) 6

(b) (b) 10
(c) (c) 8
(d) (d) 4

Ans- (c)
Feedback - Vertices are the corner points, in this figure 8 vertices.

4. Total number of edges in this shape ?
   (a) 10
   (b) (b) 8
   (c) (c) 14
   (d) (d) 12

Ans- (d)
Feedback - An edge is a line segment where two faces meet, in this figure 12 edge.

5. In this figure total number of faces ?

   (a)6
   (b) 8
   (c) 4
   (d) 2

Ans- (a)
Feedback - In this figure total 6 faces.

6. What is the measure of each angle of this figure ?
   (a) 60°
   (b) 120°
   (c) 180°
   (d) 90°

Ans- (d)
Feedback - The angles formed at the vertices of a cuboid are right angles.

7. If you join 6 square and made a close shape, what is the new shape ?
   (a) cube
   (b) square
   (c) rectangle
   (d) cuboids

Ans- (a)
Feedback - The new shape is cube because its length, width and height are same.

8. What is the formula to find this figure perimeter ?

   (a) (l + b + h)

(b) 2(l + b + h)

(c) 3(l + b + 4)

(d) 4 (l + b + h)

Ans- (d)

Feedback - Formula is 4 (l + b + h).

9. Ice cream cone is a ?

(a) 2 – D shape

(b) 3 – Dshape

(c) 4 - D shape

(d) 5 - Dshape

Ans- (b)

Feedback - Ice cream cone is a 3-D shape.

10. In this figure every face represent a shape ?

(a) Circle

(b) Square

(c) Triangle

(d) Rectangle.

Ans- (d)

Feedback - Because its length and width are different.

CBT paper   VI class SOCIAL SCIENCE

Q 1 **Physical maps, which mainly show some natural Features such as mountains, oceans and rivers Political maps, which show details of countries or States, boundaries, cities, etc. (for instance, a map of India with all its States, Union Territories and their Capitals)Thematic maps, with a specific kind of information. भौतिक मानचित्र, जो मुख्य रूप से कुछ प्राकृतिक विशेषताओं जैसे पर्वत, महासागर और नदियों को दर्शाते हैं। राजनीतिक मानचित्र, जो देशों या राज्यों, सीमाओं, शहरों आदि का विवरण दिखाते हैं (उदाहरण के लिए, भारत का मानचित्र जिसमें सभी राज्य, केंद्र शासित प्रदेश और उनकी जधानियाँ हों) ƒ विषयगत मानचित्र, जिसमें विशिष्ट प्रकार की जानकारी होती है।**

Q.1 How many types of maps are there? मानचित्र कितने प्रकार के होते हैं?

A. 3

B. 4

C. 6

D. 7

Answer -: (A.) 3

Thematic maps , political map, physical map

विषयगत मानचित्र, राजनीतिक मानचित्र, भौतिक मानचित्र,

Q. 2 Which maps show natural topography? कौन से मानचित्र प्राकृतिक स्थलाकृति दर्शाते हैं?

A. Thematic maps, विषयगत मानचित्र

B. Political maps, राजनीतिक मानचित्र

C. Physical maps, भौतिक मानचित्र

D. Map मानचित्र

Answer c -:

Physical maps, which mainly show some natural Features such as mountains, oceans and rivers

भौतिक मानचित्र, जो मुख्य रूप से कुछ प्राकृतिक विशेषताओं जैसे पर्वत, महासागर और नदियों को दर्शाते हैं

 Q. 3 which kind of map is used for specific purpose? किस प्रकार के मानचित्र का उपयोग विशिष्ट उद्देश्य के लिए किया जाता है?

A. Political maps, राजनीतिक मानचित्र

B. Thematic maps, विषयगत मानचित्र

C. Physical maps, भौतिक मानचित्र

D. Map मानचित्र

Answer. B. Thematic maps, with a specific kind of information

विषयगत मानचित्र, विशिष्ट प्रकार की जानकारी के साथ

Q. 4 For which **purpose** political maps are used ? राजनीतिक मानचित्रों का उपयोग किस उद्देश्य के लिए किया जाता है?

A. To show Mountain पहाड़ दिखाने के लिए

B. To show lakes . झीलें दिखाने के लिए

C To show States राज्य दिखाने के लिए

D. To show rivers नदियाँ दिखाने के लिए

Answer. C -:

which show details of countries or states, boundaries, cities, etc

Q. 5 which is the longest river in the world?5विश्व की सबसे लम्बी नदी कौन सी है?

A. Amazon अमेज़न

B. Nile. नील

C. Ganga गंगा

D. Indus सिंधु

Answer-: B. The Nile (6650 km)

The Nile is the longest river in the world. नील नदी विश्व की सबसे लम्बी नदी है।

Q. 6. Where did the Indus Valley Civilization develop?सिंधु घाटी सभ्यता का विकास कहां हुआ?

A.India. भारत

B. Egypt मिस्र

C. Iran ईरान

D. China चीन

 Answer A-: In India, around the Indus river valley. भारत में सिंधु नदी घाटी के आसपास।

Q. 7. Where is Manipur state located? मणिपुर राज्य कहां स्थित है?

   a. In North उत्तर में

   b. In the north-east उत्तर-पूर्व में

   c. in the south दक्षिण में

   d. in the west पश्चिम में

Answer B. -: Manipur state is a north-eastern state of India.मणिपुर राज्य भारत का एक उत्तर-पूर्वी राज्य है।

Q.8 How many seats are there in the Loksabha? लोकसभा में कुल कितनी सीटें हैं?

A. 230

B. 545

C. 150

D. 500

Answer B. The Constitution of India allows for a maximum of 545 members in the House, भारतीय संविधान सदन में अधिकतम 545 सदस्यों की अनुमति देता है।

Q. 9.What is the minimum age to vote in India?भारत में मतदान करने की न्यूनतम आयु क्या है?

A. 20

B. 21

C. 18

D. 25

Answer C -: 18 is the minimum voting age in India. भारत में मतदान की न्यूनतम आयु 18 वर्ष है

Q. 10. Where is the historical city Khajuraho located? ऐतिहासिक शहर खजुराहो कहाँ स्थित है?

A. Madhya Pradesh मध्य प्रदेश

b. Uttar Pradesh उत्तर प्रदेश

c. Bihar बिहार

d. Rajasthan राजस्थान

Answer A. -:Khajuraho Monument Group in Chhatarpur district of Madhya Pradesh, India
भारत के मध्य प्रदेश के छतरपुर जिले में खजुराहो स्मारक समूह स्थित है

CBT August (English)

Read the passage given below and answer the questions from 31 to 33.

Leela was a kind and gentle soul who loved animals. One day, while walking home from school, she saw a small puppy trapped in a storm drain. She immediately came up with a plan to rescue the puppy. Leela asked for help from her friends, and together they managed to lift the heavy lid and pull the puppy to safety. The puppy's owner, a little girl, was overjoyed to be reunited with her pet.
This passage will be used to attempt Q.No.31 to 33.

31. What was Leela's character like?
a) Mean and aggressive
b) Kind and gentle
c) Indifferent and lazy
d) Cruel and heartless

Answer: b) Kind and gentle

Feedback: This question tests your ability to understand the main character's personality traits.

32. What did Leela see while walking home from school?
a) A kitten stuck in a tree
b) A puppy trapped in a storm drain
c) A bird with a broken wing
d) A fish swimming in the river

Answer: b) A puppy trapped in a storm drain

Feedback: This question tests your ability to recall events from the passage.

33. How did Leela rescue the puppy?
a) She did it alone
b) She asked for help from her friends
c) She called a professional
d) She left it there

Answer: b) She asked for help from her friends

Feedback: This question tests your ability to understand the plot and events of the passage.

34. What was Ramanatha's obsession?
a) Finding a rare flower
b) Collecting dew drops
c) Discovering a magic potion
d) Writing a book

Answer: c) Discovering a magic potion
Feedback:Rama Natha wanted to have the magic potion at any cost to create wealth without hard work.

35. What lesson did Ramanatha learn from his experience (collecting a bottle of dew for six long years)?
a) That hard work is important for creating wealth
b) That patience is a virtue.
c) That relationships are more valuable than wealth.
d) That one should never give up on their dreams.

Answer: a)That hard work is important for creating wealth .
Feedback: He spent money to get magic potion to create wealth but nothing happened . When he worked hard , wealth was created.

36. What does the theme of the poem 'The Raven And The Fox ' represent?
a) Make hay while the sun shines .
b) Never believe in false admiration .
c) Words of flattery show your wisdom .
d) Hard work is the key to success .
Answer: b)Never believe in false admiration
Feedback:It sums up the theme and message of the poem best.

37. What is the tone of the poem?
a) Serious
b) Humorous
c) Sarcastic
d) Melancholic
Answer: b) Humorous
Feedback:The communication between Reynard the fox and the Raven aroused laughter.
38.Who saved the couple from the thief?
a)Kotwal's team
b) Couple 's presence of mind
c) Thief 's cowardice
d)Alert Neighbours
Answer: b)Couple 's presence of mind
Feedback: The couple understood the tough situation and used their presence of mind to call Rama the kotwal for their help.
39.Which one of the following is the correct homophone for the word: 'won'.
a)One
b)Son
c)Run
d)Done
Answer: a) One
Feedback: Both the words have same pronunciation but their meanings are different.

40. Fill in the blank by choosing the correct word from the options.
The team became successful …….it played the match with sincerity and dedication.
a) Before
b) Because
c) Besides
d) But
Answer: b) Because
Feedback: 'Because ' is the correct answer as it reflects the idea of cause and effect.