



English

- Q1. How was grandmother convinced to keep Tutu as a pet?
- Q2. Is freedom just the right to live as we wish?
- Q3. Why does the bird refuse to accept the various comforts offered by the child? Discuss
- Q4. Why did the people in the bazaar chase Tutu?
- Q5. Why does the child call the bird 'birdie'? Why does the child use the word 'birdie' twice?
- Q6. What did Tutu do with the necklace? How was it restored to the shopkeeper?
- Q7. Why do you think some guests were not seen for several days after the marriage?
- Q8. Do you Tutu? If given a chance, would you like to keep her as a pet?
- Q9. The narrator decided to secretly follow Aunt Ruby and her fiancé Rocky to the market. Is he justified in doing that?
- Q10. Some animals have a sharp mind. They amaze us by their actions. Do you think they are able to think in the right direction? Why/Why not?
- Q11. Why does the narrator follow Aunt Ruby and Rocky secretly to the jeweller's shop? What reason did Tutu have for following them?
- Q12. Read the extracts given below and answer the following question:

I'd rather sleep in the ivy wall;
No rain comes through, tho' I hear it fall.
The sun peeps gay at dawn of day,
And I sing, and wing away, away!

- (a) Who is I in the above lines?
- (b) Ivy is a plant. What does the bird want to convey by describing it as a wall?
- (c) What does the speaker prefer ivy wall to?
- Q13. Read the extracts given below and answer the following question:

A feather necklace round and round,
That I wouldn't sell for a thousand pound!

- (a) What is the necklace offered by the child made of?
- (b) What is the necklace that the bird has made of?
- (c) Which necklace does the bird prefer? Why?
- Q14. Write a letter to uncle thanking him for birthday gift.
- Q15. Write a paragraph on My Favourite Teacher.
- Q16. Write the definition of sentences.
- Q17. Write the kinds of sentences.
- Q18. Identify the type of sentences:

- (a) Please shut the windows and doors.
- (b) Do you like chocolate pastries?
- (c) My name is Avneet.
- (d) Where are you going?
- (e) Such a beautiful place!
- (f) Go and try this new flavour.
- (g) Today is Monday.
- (h) Alas! We lost the trophy.

- Q19. Prepare an advertisement on Toothpaste.
- Q20. Prepare an advertisement on Wrist watch.

Mathematics

Question No.		Marks
1.Identity element for addition of rational numbers is-		1
a) 1 b) 0 c) -1 d) 2		
2.The additive inverse of $-\frac{3}{4}$ is –		1
a) $-\frac{3}{4}$ b) $-\frac{4}{3}$ c) $\frac{4}{3}$ d) $\frac{3}{4}$		
3.If x, y and z are rational numbers, then the property (x×y) ×z=x×(y×z) is known as-		1
a) Commutative Law b) Associative Law c) Closure Law d) Distributive Law		
4.Which of the following is a negative rational number?		1
a) $-\frac{5}{-4}$ b) $\frac{6}{7}$ c) 4 d) $-\frac{5}{6}$		
5.The value of x such that $-\frac{3}{8}$ and $\frac{x}{-24}$ are equivalent rational numbers is –		1
a) –9 b) -64 c) 64 d) 9		
6.Which integer is neither positive nor negative?		1
a) -1 b) 1 c) 0 d) 2		
7.What is the identity element under multiplication?		1
a) 0 b) 1 c) -1 d) does not exist		
8.Find the reciprocal of: $\frac{-2}{-19}$		1
a) $\frac{19}{-2}$ b) $\frac{2}{19}$ c) $\frac{-19}{-2}$ d) $-\frac{2}{-19}$		
9. What is the value of :	$\frac{7}{12} \div \left(-\frac{7}{12}\right)$	1
a) 1 b) 7 c) -1 d) -7		
10.Which of the following is a positive rational number?		1
a) $-\frac{2}{9}$ b) $\frac{3}{-5}$ c) $-\frac{4}{9}$ d) $-\frac{3}{-19}$		
11.Simplify:(-1331) ÷11		1
12.Find the absolute of the rational number: $\frac{1}{-5}$		1
13.Compare $\frac{5}{3}$ and $\frac{2}{7}$.		1
14.How will you write $\frac{24}{-42}$ in the standard form?		1
15.Check if the reciprocal of $-\frac{1}{5}$ is – 5?		1
16.Find a rational number between: -2 and -6		1
17.Divide: $\frac{-7}{4}$ by $\frac{1}{8}$		1
18.Multiply and express the result in standard form: $\frac{23}{5}$ by $\frac{-25}{11}$		1
19. Subtract: $-\frac{2}{9}$ from $\frac{7}{6}$		1
20.How many rational numbers lies between two rational numbers?		1
21.Represent the rational number on a number line.	$-\frac{7}{3}$	2
22.Verify x+y=y+x for values of x and y.	$x = 5, y = \frac{3}{2}$	2
23.Simplify: (-212) +384-(-137)		2
24.By taking $x=\frac{3}{4}$ and $y = -\frac{5}{6}$, verify that $x \div y \neq y \div x$		2
25.Find the values of x-y and y-x for $x=\frac{2}{3}, y=\frac{5}{9}$.Are they equal?		2
26.Find the value of: $\frac{-7}{64} + \frac{3}{-16}$		2
27.Arrange the following rational numbers in descending order.		2

$$-\frac{3}{10}, -\frac{7}{-5}, -\frac{9}{-15}, \frac{18}{30}$$

28. Find the missing value: $\frac{2}{7} = \frac{8}{-63}$ 2

29. Determine which rational number is greater in the given case: $\frac{-3}{-13}, \frac{-5}{-21}$ 2

30. Represent $\frac{16}{3}$ and $\frac{-29}{4}$ on a number line. 2

31. Write three rational numbers, equivalent of the following: $\frac{4}{9}$ 3

32. Arrange the following in ascending order. $-\frac{3}{4}, -\frac{5}{-12}, -\frac{7}{16}$ 3

33. Find the value of x, if $\frac{9}{15} = \frac{x}{-50}$ 3

34. Verify $x+y=y+x$ of the following x and y.
 $x=5, y=\frac{3}{2}$ 3

35. Simplify: $(-\frac{3}{10}) + \frac{12}{-10} + \frac{14}{10}$ 3

36. The sum of two rational numbers is -5. If one of the number is $\frac{2}{3}$, find the other. 3

37. Simplify and express the result in standard form:
 $(-\frac{4}{3} + \frac{5}{7}) \times \frac{7}{9}$ 3

38. Verify that $(x - y)^{-1} \neq x^{-1} - y^{-1}$ by taking $x = -\frac{2}{7}, y = \frac{4}{7}$. 3

39. From a rope of the length 40 meters, a man cuts some equal sized pieces. How many pieces can be cut if each piece is of $\frac{4}{9}$ metres length? 3

40. Insert three rational numbers between: $\frac{-7}{10}$ and $\frac{11}{10}$ 3

Science

Q1. An organism that fixes nitrogen in the soil is -

- | | | | |
|--|---------------|---------------|--------------------|
| a. mushroom | b. mucor | c. rhizobium | d. cuscuta |
| Q2. Animals that, eat both plant materials and animals, are called - | | | |
| a. herbivores | b. omnivores | c. carnivores | d. ruminants |
| Q3. The food factory of the plant is its - | | | |
| a. root | b. leaf | c. stem | d. flower |
| Q4. Mushroom is an example of a/an | | | |
| a. saprotroph | b. autotroph | c. parasite | d. insectivorous |
| Q5. Which one of these is not a part of the alimentary canal | | | |
| a. stomach | b. liver | c. anus | d. large intestine |
| Q6. Green plants that can synthesize their own food are known as - | | | |
| a. heterotrophs | b. autotrophs | c. parasites | d. saprotrophs |
| Q7. Bile juice is released by the - | | | |
| a. salivary glands | b. liver | c. pancreas | d. large intestine |
| Q8. Cow is a/an | | | |
| a. saprotroph | b. autotroph | c. parasite | d. heterotroph |
| Q9. Which of the following is an insectivorous plants? | | | |

- a. pitcher plant b. leguminous plant c. green plant d. amarbel
- Q10. Organisms that can synthesize their own food are -
a. heterotrophs b. parasites c. autotrophs d. saprotrophs
- Q11. Tiny pores present on the surface of leaves through which gaseous exchange occur are called-
a. stomata b. food holes c. guard cells d. gas holes
- Q12. What is the ultimate source of energy for all living organisms ?
a. water energy b. wind energy c. solar energy d. chemical energy
- Q13. Which is not digested by human?
a. proteins b. fats c. glucose d. cellulose
- Q14. The false feet of amoeba are used for
a. movement only b. capture of food only
c. capture of food and movement d. exchange of gases only
- Q15. The food making process in plants is called as -
a. glycolysis b. photosynthesis c. photolysis d. chemosynthesis
- Q16. What are insectivorous plants ? (1)
- Q17. Name the four types of teeth in the human mouth. (1)
- Q18. Which acid present in the stomach kills bacteria ? (1)
- Q19. What do you mean by term sea breeze? (1)
- Q20. How do green plants synthesize their food? (1)
- Q21. Define heat. (1)
- Q22. When some wheat dough was left in the open for few days, it started emitting a foul smell. State Why ? (1)
- Q23. Write the different types of heterotrophic nutrition. (1)
- Q24. Crow is an omnivore. Justify the statement. (1)
- Q25. What is autotrophic nutrition? (1)
- Q26. State the role of acid in the human stomach. (2)
- Q27. Write two differences between milk teeth and permanent teeth. (2)
- Q28. Why is nutrition important for a living organism ? (2)
- Q29. If we chew rice, or bread, for few minutes, it starts tasting sweet. Give reason. (2)
- Q30. State the function of incisor teeth and premolar teeth. (2)
- Q31. What do you mean by the term holozoic nutrition. (2)
- Q32. In which direction does the transfer of heat take place? (2)
- Q33. State the various processes involved in nutrition in ruminants animals. (2)
- Q34. Explain briefly how winds are caused. (2)
- Q35. Why would life not be possible on earth in the absence of photosynthesis? (2)
- Q36. How do rhizobium bacteria and leguminous plants help each other in their survival? (3)
- Q37. Draw a neat and labeled diagram of the human digestive system. (3)
- Q38. In what way does a clinical thermometer differ from an ordinary thermometer? (3)
- Q39. Explain ingestion of food, in amoeba, through a diagram. (3)
- Q40. Why do some plants feed on insects? How does a pitcher plant catch insects? (3)

Social Science

Chapter 1

Components Of Environment

Fill in the blanks

- a. _____ is our basic life support system.
- b. The _____ environment includes all non-living things like land, water and air.
- c. The uppermost part of the _____ is composed of rocks rich in silica and aluminium called _____.
- d. Among the four major elements of environment , _____ is the most dynamic element.

- e. The planet earth is called the _____ planet or the _____ planet.
- f. _____ are an important part of the biosphere.
- g. The government of India has passed the _____ Act in 1972.
- h. The two components of the natural environment, that is the _____ and the _____, are largely interdependent and cannot be separated.

Multiple choice questions

- A. The components of the natural environment is
 - a. Physical
 - b. Biological
 - c. a and b
 - d. none
- B. The natural environment can be divided into _____ spheres.
 - a. 2
 - b. 3
 - c. 4
 - d. 5
- C. The _____ layer of the lithosphere has rocks rich in silica and magnesium and is generally found below the bottom of ocean basin.
 - a. Sial
 - b. Sima
 - c. none of the above
 - d. a and b
- D. The planet earth is called the blue planet because
 - a. Of mountains on its surface
 - b. of abundance of water
 - c. none of the above
 - d. Of vast blue sky
- E. The most dynamic element of the environment is
 - a. Lithosphere
 - b. Atmosphere
 - c. Hydrosphere
 - d. Biosphere

Give one word or technical term for the given statements

- a. The narrow zone of contact between all the other three spheres of environment where all kinds of life exists :
- b. All non-living components like land, water and air:
- c. The earth's solid layer:
- d. A mixture of gases that forms envelope around earth:
- e. A variety of life on earth comprising of plants, animals and microorganism:
- f. A well demarcated reserved area for protection of wildlife where human activity is not allowed:

Question Answer

1. What is an environment?
2. Name the two elements environment has.
3. Differentiate physical environment from biological environment.
4. Why the two components of the natural environment be separated?
5. Name the 4 spheres in which the natural environment can be divided.
6. Why are these spheres needed on earth?
7. What is lithosphere?
8. Name the 2 layers of lithosphere and state what is each layer made of.
9. What is atmosphere?
10. Why the atmosphere is considered the most dynamic sphere?
11. Why is earth known as the blue planet?
12. The distribution of water is not uniform in both the Northern and the Southern hemisphere, explain.
13. What is biosphere?
14. Why are human beings considered as important part of the biosphere?
15. What has created biodiversity on earth?
16. When did government pass the Wildlife Protection Act? What provision has been made in the Act?
17. Being an important part of the environment what are human beings equipped with?
18. Name 3 critically endangered species of animals in India. What has been done to protect them?
19. Why do we need to live in harmony with our surroundings?

Chapter 9

Medieval Period

Fill in the blanks

- In Europe the period from fifth to fifteenth century is known as the _____ period
- In India, the period from eight to _____ century CE marks the beginning and end of the medieval period.
- Though in the ancient India, Indian _____ had remained aloof from outside world.
- The main sources of information of the medieval period are _____ and archaeological findings.
- Prithviraj Raso written by _____ throws light on administration and life of people during the reign of Prithviraj Chauhan.
- _____ or biography of Akbar was written in Persian.
- The significant achievement of medieval period was the popularity and availability of _____.
- _____ records of medieval period exist in a variety of languages.

Multiple choice question

- A. The medieval period in India was from
- Fifth to Thirteenth century
 - Fifth to Fifteenth century
 - eight to eighteenth century
 - none of the above
- B. Prithviraj Raso by Chand Bardai throws light on
- Administration
 - life of people under the reign of Prithviraj
 - a and b
 - none of the above
- C. The historical accounts were written in _____ under Muslim rulers.
- Urdu
 - Persian
 - English
 - none of the above
- D. The significant achievement of medieval period was the popularity and availability of
- Paper
 - metal
 - rocks
 - none
- E. Which of the following give us information about the different aspect of the society and culture?
- Excavation of towns
 - paintings
 - coins
 - all the above

Match the following

Column A	Column B
Excavation of towns, paintings	Ibn Battutah
Provide information to historians	Encouraged writing of records
Popularity and availability of paper	Chand Bardai
Prithvi raj Raso	Manuscript
Account of foreign visitor	Give information about different aspect of society and culture

Question Answers

- Name the three periods in which history is divided.
- Was the medieval period of history in India and Europe at the same time? Specify the period.
- In the ancient period what kind of culture did India have?
- How is it evident that during medieval period the Indian culture was influenced?
- What are the main sources of information of this period?
- What does literature of this period consists of?
- What gives us information about social, economic, political condition of that time?

8. The autobiographies, orders of rulers and letters written during this period also help us to understand the life of people, explain with example.
9. How can it be said that Muslim rulers encouraged the writing historical accounts?
10. Name foreign travellers whose accounts are important source.
11. What was significant achievement that encouraged writing?
12. What kind of historical records exist? What are the various changes they have undergone?
13. What provides information to historians? Why is their job tough in this period?
14. What are different technological developments that took place in this period?
15. What gives us information about different aspects of society and culture?
16. Name the three periods History generally divided into?
17. Name any two technological developments of Medieval Period?

Moral Education

- 1) हर गुल से किस की सुगंध आ रही है?
- 2) मनु महाराज ने धर्म के कितने लक्षण बताए हैं?
- 3) किसान समाज के लिए क्या करता है?
- 4) वह कौन से गुण है जिसके कारण व्यक्ति को धार्मिक कहा जा सकता है ?
- 5) हिंदू का क्या अर्थ है?
- 6) धर्म और अधर्म को समझने में कौन भटक जाते हैं?
- 7) वेद कितने हैं उनके नाम लिखो?
- 8) भक्तों ने भगवान से क्या विनय किया है?
- 9) 'वेद सब सत्य विद्याओं की पुस्तक है' का अभिप्राय स्पष्ट करें।
- 10 आत्मनः प्रतिकूलानि परेषां न समाचरेत्' पंक्ति का भावार्थ लिखो।
- 11) गायत्री मंत्र लिखो।
- 12 आर्य समाज के कोई तीन नियम एवं अनमोल वचन लिखो।
- 13) धृति, क्षमा और शौच वचनों का क्या अर्थ है?
- 14) उन्नति कितने प्रकार की होती है , उनके नाम लिखो ?
- 14) आर्य समाज के चौथे नियम की व्याख्या करो?
- 16) गायत्री मंत्र का अर्थ लिखो।
- 17) धार्मिक किसे कहते हैं?
- 18) धर्मानुसार अर्थात् सत्य और असत्य को विचार कर का भाव स्पष्ट करें।
- 19) भक्तों को अविद्या से कौन दूर कर सकता है?
- 20) 'इन्द्रियनिग्रह ' का अर्थ लिखो।