

**ENGLISH**

**Read the following passage and answer the questions that follow.**

The body should function rightly, perfectly. It is an art, it is not austerity, you are not to fight with it, you are simply to understand it. And the body is so wise, and wiser than your mind, remember, because the body has existed longer than the mind. The mind is a very new arrival, just a child.

The body is very ancient, because you moved once as a rock; the body was there, the mind was fast asleep. Then you became a tree; the body was there, with all its greenery and flowers. The mind was fast asleep still, not so asleep as in the rock but still asleep. You became an animal, a tiger, the body was so alive with energy, but the mind was not functioning. You became a bird, you became a man. The body has been functioning for millions of years.

The body has accumulated much wisdom, the body is wise. So, if you eat too much, the body says, 'Stop!' The mind is not so wise. The mind says, 'the taste is beautiful- a little more'. And if you listen to the mind, then the mind becomes destructive to the body, this way or that. If you listen to the mind, first it will say, 'Go on eating', because mind is foolish, a child. He does not know what he is saying. He is a new arrival; he has no learning in him.

He is not wise, he is yet a fool. Listen to the body. When the body says, 'Hungry,' eat. When the body says, 'Stop,' stop.

1. Study the following statements and choose the correct option:
  - i. Man created trees to satisfy his needs.
  - ii. Plant life evolved into animal life.

A. (i) is true and (ii) is false	B. Both (i) and (ii) are true
C. (ii) is true and (i) is false	D. Both (i) and (ii) are false
  
2. How does the author establish body's superiority over mind?
  - A. Body can be seen while the mind can't be.
  - B. Mind depends on the body for everything it wants.
  - C. Body came to existence earlier than mind.
  - D. All human activities are controlled by the mind.

## COMMERCE AND HUMANITIES: SET A

3. Which word among the following means the same as 'accumulated'?
- A. assembled  
B. saved  
C. collected  
D. decided
4. Which of the following statements is not true?
- A. Mind also underwent an evolution when body did.  
B. Mind of a tiger is non-functional.  
C. When we get obese our mind is responsible for it.  
D. Mind guides us in all our activities.

### Fill in the blanks with appropriate verb forms from the given options.

The number of electric vehicles on the road around the world 5).\_\_\_\_\_125 million by 2030, the International Energy Agency 6).\_\_\_\_\_. The world's fleet of electric vehicles 7).\_\_\_\_\_ 54 percent to about 3.1 million in 2017. The IEA says government policy 8).\_\_\_\_\_to be the linchpin for electric vehicle adoption.

5. A. hit                      B. will hit                      C. will have hit                      D. will be hitting
6. A. forecast                      B. forecasted                      C. forecasting                      D. forecasts
7. A. grow                      B. grew                      C. grows                      D. grown
8. A. will continue B. continue                      C. is continuing                      D. will be continuing

### Read the following conversation and fill in the blanks with appropriate options.

Raj: What are you doing here, Mohan? I haven't seen you since May.

Mohan: I've just come back from my holiday in Goa.

Raj: Did you enjoy it?

Mohan: I love Goa. And the people over there are so friendly.

Raj asked Mohan 9). \_\_\_\_\_ as he had not seen him since May.

Mohan replied that 10). \_\_\_\_\_. Raj again asked him 11). \_\_\_\_\_.

Mohan said that he loved Goa and 12). \_\_\_\_\_.

9. A. what was he doing there                      B. what he was doing there  
C. what he is doing there                      D. what he was doing here
10. A. he has just come back from his holiday in Goa  
B. he has just came back from his holiday in Goa  
C. he had just come back from his holiday in Goa  
D. he had just came back from his holiday in Goa

## COMMERCE AND HUMANITIES: SET A

11. A. if he did enjoy it  
B. if he enjoyed it  
C. if he enjoyed that  
D. did he enjoy that
12. A. the people over there are so friendly  
B. the people over there were so friendly  
C. the people over there were very friendly  
D. the people over there are very friendly

**Every sentence given below is divided into four sections marked A, B, C and D. Read the sentences carefully and choose the section that contains an error.**

13. None but (A)/ a boiling hot cup of tea can (B)/ bring satisfaction (C)/ to me. (D)
14. As the meeting was (A)/ about to end, (B)/ he insisted to ask (C)/ several questions. (D)
15. Transport has been arranged (A)/ to facilitate (B)/ the students (C)/ in visiting the book fair. (D)
16. I was late (A)/ in reaching the school, (B)/ the teacher therefore, (C)/ made me to repeat the lesson. (D)

**Choose the appropriate prepositions from the given options to complete the sentences.**

17. He was unjustified in accusing us \_\_\_\_\_ theft.  
A. for                      B. of                      C. with                      D. upon
18. This practice was brought \_\_\_\_\_ to prevent certain abuses.  
A. about                      B. in                      C. down                      D. off
19. When I called \_\_\_\_\_ his residence this morning, he was still in bed.  
A. Into                      B. at                      C. on                      D. for
20. How can I give \_\_\_\_\_ when I am not at fault?  
A. Up                      B. away                      C. way                      D. in

## SOCIAL STUDIES

21. "The most dangerous enemy of our social order". Who said it about whom?  
A. Mahatma Gandhi about the British.                      B. Mazzini about Metternich  
C. Metternich about Mazzini                      D. Napoleon about Lord Nelson

22. Find the correctly matched pairs.
1. Common people- *das volk*
  2. The fatherland- *le citoyen*
  3. Large land owners- *junkers*
  4. *Measure of cloth*- *elk*
- A. 1 & 2    B. 2 & 3  
C. 3 & 4    D. 1 & 3
23. Gandhiji supported the Khilafat Movement-
- A. to bridge communal harmony between the Hindus & the Muslims.
  - B. as he was a supporter of the Caliph.
  - C. as he saw it an opportunity to unite both the communities for a larger national movement.
  - D. All of these.
24. During Civil Disobedience Movement, the Congress was reluctant to include the workers' demands as part of its programme of struggle. It was because-
- A. the educated congress leaders undermined the illiterate workers.
  - B. the Congress felt that support to workers would alienate the industrialists & divide the anti-imperial forces.
  - C. the workers were supporters of the British.
  - D. the workers union leaders were mostly the British.
25. During Swadeshi Movement 'VandeMatram' was widely sung in
- A. Uttar Pradesh    B. Odisha
  - C. West Bengal    D. Jammu & Kashmir

## COMMERCE AND HUMANITIES: SET A

26. Read the following paragraph and answer the question.  
*“Agri-exports touched Rs 2.52 lakh crores and imports at Rs 1.47 lakh crores in financial year 2019-20,” the survey said.  
India occupies a leading position in global trade of agricultural products. However, its total agricultural exports basket accounts for a little over 2.5 percent of world agricultural trade.”(The Economic Times, 29 January 2021)*
- So far as balance of trade is concerned, India’s international trade in agricultural products is
- A. unfavourable balance of trade
  - B. favourable balance of trade
  - C. not estimable.
  - D. both favourable & unfavourable balance of trade
27. Choose the ports along the eastern coast of India arranged from north to south correctly.
- A. Tuticorin, Vishakhapatnam, Paradeep, Chennai
  - B. Chennai, Tuticorin, Paradeep, Haldia
  - C. Chennai, Vishakhapatnam, Paradeep, Haldia
  - D. Paradeep, Vishakhapatnam, Chennai, Tuticorin
28. The main source of income of a bank is the-
- A. Interest amount given to the depositors.
  - B. Interest amount collected from the borrowers.
  - C. difference between what is charged from borrowers and what is paid to depositors.
  - D. collateral of the borrowers kept with the bank.
29. Read the following paragraph and answer the question.  
*“Manu is a small farmer. He took a loan of Rs. 10 thousand from the Grameen bank of his village. Due to irregular rain fall, he suffered crop failure. He is not in a position to repay the loan. He is also not able to provide food and other basic needs to his family. His condition is worsening day by day.”*
- This painful situation of Manu is called as-
- A. terms of credit
  - B. collateral
  - C. debt trap
  - D. mode of repayment

30. Professor Muhammad Yunus, the founder of Grameen Bank in Bangladesh has got Nobel Prize for-
- A. Economics  
B. peace  
C. literature  
D. medicine
31. Identify the profession in organized sector that attracts women the most.
- A. Engineering  
B. Teaching  
C. Medicine  
D. Both 'B' & 'C'
32. Mid- day meal scheme has been implemented in India to
- A. encourage attendance  
B. retention of children in schooling  
C. improve nutritional status.  
D. All of these
33. Belgium shifted from a unitary to federal form of government in
- A. 1991  
B. 1992  
C. 1993  
D. 1994
34. Identify the group of countries which all belong to 'coming together' federation.
- A. Switzerland, Australia, Spain  
B. India, Spain, Belgium  
C. USA, Switzerland, Australia  
D. Australia, Spain, Belgium
35. In the question given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and choose the correct option.  
Assertion (A): Rural local government in India is also called the Panchayati raj.  
Reason (R): Each village or a group of villages in some states has a gram panchayat for local administration.
- A. Both A& R are true and R is the correct explanation of A.  
B. Both A & R are true but R is not the correct explanation of A.  
C. A is true & R is false.  
D. A is false but R is true.

36. Choose the incorrect option.
- A. The country is divided into some number of constituencies for the purpose of election.
  - B. One constituency represents one district.
  - C. A state is divided into some specific number of constituencies for state election.
  - D. Each parliamentary constituency has within it several assembly constituencies.
37. Identify the correct statement relating to Election Photo identity Card.
- A. This identity card is given to people of all age groups like the Aadhar card.
  - B. A citizen of India 25 or more years of age only is eligible to vote by showing this card.
  - C. This card is not compulsory for voting.
  - D. This card is also used as ration card and driving licence.
38. In the question given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and choose the correct option.
- Assertion (A): A MNC is a company that owns and controls production in more than one nation.
- Reason (R): investment made by MNCs is called foreign investment.
- A. Both A & R are true and R is the correct explanation of A.
  - B. Both A & R are true but R is not the correct explanation of A.
  - C. A is true & R is false.
  - D. A is false but R is true.
39. Cargill foods, is a very large MNC. It originally belongs to
- A. Jammu UT of India.
  - B. Peoples Republic of China
  - C. United Arab Emirates
  - D. United States of America
40. Identify the negative result of globalization for the common people of India.
- A. Increase in choices for people to buy different foreign goods.
  - B. Flexibility of labour law
  - C. Reduction in prices of many consumer goods in international market.
  - D. Some Indian companies have emerged as MNCs.

MATHEMATICS

41. If the mean is 11 and the median is 13, then the value of mode is:  
 A. 15  
 B. 13  
 C. 11  
 D. 17
42. The mean of ten numbers is 58, if one of the numbers is 40, the mean of the other nine is:  
 A. 18  
 B. 60  
 C. 162  
 D. 540
43. The sum of the deviations of the values from their mean is always:  
 A. 1  
 B. 0  
 C. 2  
 D. 3
44. If  $x = \frac{2}{3}$  and  $x = -3$  are the roots of the equation  $ax^2 + 7x + b = 0$ , then the value of  $a^2 + b^2$  is  
 A. 54  
 B. 45  
 C. 35  
 D. 48
45. The sum of the roots of the equation  $x^3 - 2x + 2 = 0$  is  
 A. 0  
 B. 2  
 C. -2  
 D. 1
46. If the roots of the given equation  $2x^2 + 3(k - 2)x + k + 4 = 0$  be equal in magnitude but opposite in sign, then value of k is:  
 A. 0  
 B. 1  
 C. 3  
 D. 2
47. 100 cards are numbered from 1 to 100, the probability of getting a prime number is  
 A.  $\frac{3}{4}$   
 B.  $\frac{27}{50}$   
 C.  $\frac{1}{4}$   
 D.  $\frac{29}{100}$



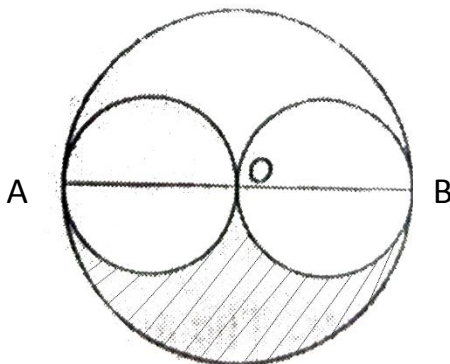
**COMMERCE AND HUMANITIES: SET A**

48. A bag contains 5 red balls and some blue balls. If the probability of drawing a blue ball is double that of a red ball, then the number of blue balls in the bag is:
- A. 5  
B. 10  
C. 15  
D. 20
49. The chances that a non-leap year contains 53 Saturdays is:
- A.  $\frac{2}{7}$   
B.  $\frac{2}{365}$   
C.  $\frac{1}{365}$   
D.  $\frac{1}{7}$
50. The line  $3x+y-9=0$  divides the line joining the points (1,3) and (2,7) internally in the ratio:
- A.  $\frac{3}{4}$   
B.  $\frac{3}{2}$   
C.  $\frac{2}{3}$   
D.  $\frac{4}{3}$
51. Area of the rectangle formed by the lines  $|x| = 3$  and  $|y| = 2$  is
- A. 2  
B. 6  
C. 24  
D. 3
52. If the points A(1,2), B(0,0) and C(a,b) are collinear, then:
- A.  $2a=b$   
B.  $a=-b$   
C.  $a=2b$   
D.  $a=b$
53. The co-ordinates of the centroid of a triangle whose mid points of the sides are (0,6), (8,12), (8,0) is:
- A. (4,6)  
B. (16,6)  
C. (8,6)  
D.  $(\frac{16}{3}, 6)$
54. The area of a circle that can be inscribed in a square of side 6 cm is:
- A.  $36 \pi \text{ cm}^2$   
B.  $18 \pi \text{ cm}^2$   
C.  $12 \pi \text{ cm}^2$   
D.  $9 \pi \text{ cm}^2$

**COMMERCE AND HUMANITIES: SET A**

55. On a square handkerchief, nine circular designs each of radius 7cm are made. The area of the remaining portion of the handkerchief is:
- A. 300 sqcm  
B. 200 sqcm  
C. 375 sqcm  
D. 378 sqcm

56. In the adjoining figure, the larger circle with radius 4cm is touched internally by two circles which also touch each other externally at the centre "O" of the larger circle. The area of the shaded portion is:



- A.  $4\pi$  sq.unit  
B.  $7\pi$  sq.unit  
C.  $12\pi$  sq.unit  
D.  $16\pi$  sq.unit
57. If each edge of a cube is increased by 50%, the percentage increase in its surface area is :
- A. 150%  
B. 175%  
C. 125%  
D. 110%
58. 50 men took a dip in a water tank 40m long and 20m broad on a religious day. If the average displacement of water by a man is 4 cu.m, then rise in water level in the tank will be:
- A. 20cm  
B. 25cm  
C. 35cm  
D. 50cm
59. If the surface areas of two spheres are in the ratio 16:9, then their volumes will be in the ratio:
- A.  $\frac{27}{64}$   
B.  $\frac{64}{27}$   
C.  $\frac{4}{3}$   
D.  $\frac{3}{4}$

60. A metallic spherical shell of internal and external diameters 4cm and 8cm respectively, is melted and recast into the form of a cone with base diameter 8cm. The height of the cone is.
- A. 12cm    B. 14cm  
C. 15cm    D. 18cm