

**Paper-II**  
**Part A - English**  
**Question Numbers 1-15**

**EM**

**Questions 1 to 4. Read the following passage and answer the questions below, choosing the correct answer from the options given.**

We now know many curious things about ants. Some red ants in Europe keep other ants as slaves. They take their slaves from black ants which are smaller in size. When they want slaves they attack the nests of black ants and carry off some of their eggs. Their eggs are hatched in the red ant's nests and produce black ants. These black ants are then treated as slaves. They are taught to obey orders and made to do all kinds of work. The driver ants of Africa are the fiercest. They are completely blind and they march like a big army from one place to another. On the way, they eat up any living animals including big animals like tigers, and elephants. When these driver ants enter a house the people leave the house and run away into the forests.

1. Which are the fiercest ants?  
(a) Red ants                      (b) Driver ants of Africa                      (c) White ants                      (d) Black ants Answer
2. The driver ants of Africa eat big animals like .....  
(a) Tiger                                      (b) Elephants                                      (c) Both (a) & (b)                                      (d) None of these
3. How do driver ants of Africa move?  
(a) Independently                                      (b) Like a big army                                      (c) Separately                                      (d) Jointly
4. Write the opposite word of 'slave'  
(a) King                                      (b) Kind                                      (c) Master                                      (d) Brave

**Questions 5 to 7. Read the following lines and answer the questions that follow choosing the right answer from the options given below.**

A Sunday is so typical  
When Dad is around  
The morning starts  
With a loud TV sound.  
One groan from my sister  
And another from me  
Doesn't melt his heart  
To let us sleep for a minute or three.  
Mom tries to catch up  
On her wee bit of sleep  
For she knows Dad is there  
To make a cup of tea.  
But once we all are up  
It all seems so bright  
For that's the only day  
When Dad has all the time

5. The rhyme scheme of the first stanza is  
(a) aabb                                      (b) abcd                                      (c) abcb                                      (d) aabc
6. The word from the poem which means the same as 'very small'  
(a) soothe                                      (b) wee                                      (c) groan                                      (d) bright

7. The literary device used in 'One groan from my sister' is.....  
(a) Onomatopoeia                      (b) metaphor                      (c) simile                      (d) personification

**Questions 8 to 15. Pick out the right answer from the options given.**

8. Swami studies --- Malgudi but his father works ---Rajasthan.  
(a) at, in                      (b) on,at                      (c) from, on                      (d) in, on
9. to add fuel to the fire means  
(a) to make the problem worse.                      (b) memorable day  
(c) keep word                      (d) cop up with the situation
10. There was an old man .....lived near the village  
(a) which                      (b) who                      (c) where                      (d) that
11. He *got over* all the difficulties and reached the river. The words in italics means...  
(a) overcame                      (b) disappointed                      (c) escaped                      (d) ran away
12. I usually ..... glass while driving  
(a) wore                      (b) wear                      (c) wears                      (d) will wear
13. If I had a headache, I.....some aspirin.  
(a) would take                      (b) took                      (c) takes                      (d) take
14. Not only the workmen but the supervisor also ..... been dismissed.  
(a) has                      (b) have                      (c) are                      (d) is
15. A..... of birds  
(a) army                      (b) flight                      (c) group                      (d) swarm

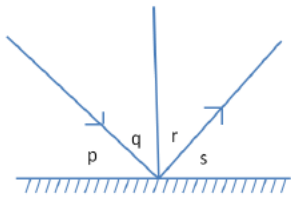
## **Paper-II**

### **Part B - BASIC SCIENCE**

#### **Question Numbers 16-35**

16. 'Flowers and fruits quickly.' Which method of seedling production does not fit this statement?  
A. Layering                      B. Budding                      C. Hybridization                      D. Grafting
17. Reason for not being able to see the image on a cardboard sheet.  
A. Since the surface of the cardboard is not level  
B. Since cardboard does not reflect light  
C. Since cardboard is an opaque material  
D. Since no regular reflection to light does not happen on cardboard

18. This is an illustration of a ray of light hitting a mirror.



If the angle shown as 'S' is  $50^\circ$ , how many degrees will the angle of incidence be?

- A. 40  
B. 50  
C. 45  
D. 130

19. Acids react with certain substances to produce inflammable gas and fire extinguishing gas. Which is the right pair considering these features?

- A. Inflammable gas – acid + zinc  
B. Inflammable gas – acid + marble  
C. Inflammable gas – acid + zinc  
D. Inflammable gas – acid + cobalt

- Extinguishing gas – Acid + Magnesium  
Extinguishing gas – acid + eggshell  
Extinguishing gas – Acid + Calcium  
Extinguishing gas – acid + caustic soda

20. The last spacecraft to bring lunar soil to Earth?

- A. Apollo-17  
B. Chang'e-5  
C. Luna 24  
D. Chandrayaan-2

21. Which bulb has the least energy loss?

- A. Graphene bulb  
B. LED Bulb  
C. C.F.L. Bulb  
D. Fluorescent bulb

22. Canine teeth are found in?

- A. Herbivores  
B. Carnivores  
C. Omnivores  
D. In carnivores and omnivores

23. The bird with the largest wingspan

- A. Albatross  
B. Pelican  
C. Vulture  
D. Crane

24. Which mineral retains water in the body?

- A. Iron  
B. Calcium  
C. Sodium  
D. Iodine

25. Disease caused by excessive alcohol consumption?

- A. Fatty liver  
B. Liver cirrhosis  
C. Heart attack  
D. Hypertension

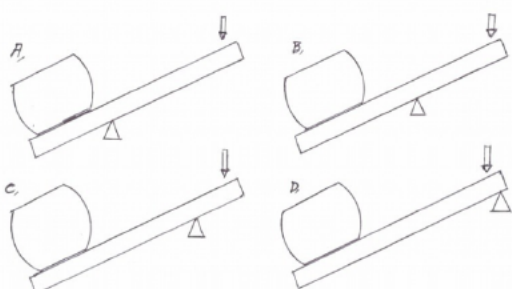
26. Who invented that plant body is made up of cells?

- A. Jacob Schleiden  
B. Theodore Schwann  
C. Rudolph Virshaw  
D. Robert Hooke

27. Which date is decided to celebrate as National Space Day from 2024 onwards?

- A. July 21  
B. July 23  
C. August 23  
D. October 4

28. Observe the pictures given below. Which of these has the least workload?



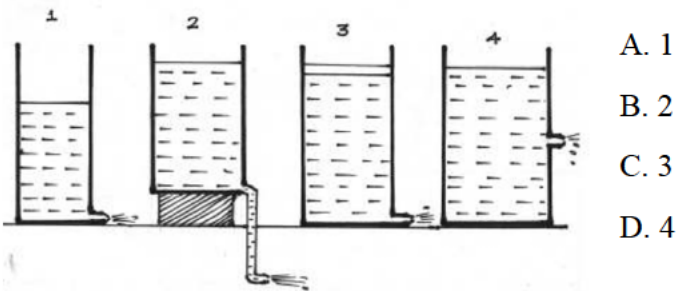
29. Which of the following is the correct statement regarding arteries?

- A. All arterial blood has high oxygen content.
- B. Carbon dioxide levels are high in all arterial blood.
- C. Arteries carry blood away from the heart to different parts of the body.
- D. Arteries carry blood from different parts of the body to the heart.

30. Which of the following is a pure substance?

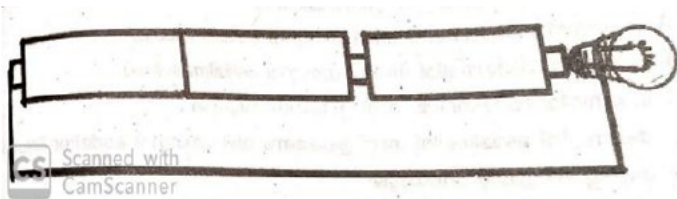
- A. Rice gruel
- B. Distilled water
- C. LPG
- D. Milk

31. From which container does the water flow out more forcefully?



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

32. Correct statement about this circuit



- A. The bulb will not glow
- B. The bulb will glow dimly
- C. The bulb will glow well
- D. If the cells are fresh the bulb will light up.

33. Which device is an odd one related to energy conversion?

- A. Motor
- B. Mix
- C. Radio
- D. Fan

34. Which metal has high thermal expansion?

- A. iron
- B. Aluminium
- C. Copper
- D. Mercury

35. Which adulterant is used to increase the taste of food?

- A. Saccharine
- B. Calcium carbide
- C. M.S.G
- D. Erythrosine

## Paper-II

### Part B – SOCIAL SCIENCE

#### Question Numbers 36-55

36. Where was the Jasmine revolution started

- A. Egypt
- B. Tunisia
- C. Morocco
- D. Libya

37. According to which amendment the ideas of secularism and the socialism were added to the preamble of constitution

- A. 42
- B. 44
- C. 93
- D. 45

38. Among the following which were the trade centres of Portuguese?
- A. Madras, Calcutta, Bombay                      B. Goa, Daman, Diu  
C. Cochin, Kollam                                      D. Pondicherry, Mahe, Karakkal
39. Among the following which is not included in the decisions taken by the Lahore session of Congress
- A. To launch the civil disobedience movement                      B. Approved the non cooperation movement  
C. To celebrate January 26 1930, as independence day                      D. Passed the resolution Purna Swaraj
40. Read the following statements and mark the right answer among from the options given.
1. The highest court in India is supreme court  
2. The lowest court that deals with the criminal cases is munsiff court.
- A. Only 1 is true                      B. Only 2 is true  
C. Neither 1 or 2 is true                      D. Both 1 and 2 are true
41. Among the following which country does not have a written constitution?
- A. France                      B. Brazil                      C. Britain                      D. India
42. Among the following statements which is connected to Pygmies
- A. They dearly love and care forest                      B. They cultivate millets  
C. Cattle rearing is the major livelihood                      D. Staple food is wheat
43. Where was Faraizi movements held?
- A. Malabar                      B. Bangal                      C. Madras                      D. Mysore
44. Find out the wrong pair
- A. The Brihatiswara temple -chiselled rocks                      B. Kamakhya temple- multi storeyed  
C. Vittala temple -single rock carvings                      D. Red fort Indo Islamic style
45. According to food security act which statement is wrong
- A. Food security is the responsibilities of government  
B. It is not the legal obligation of the government  
C. It Ensures adequate, nutritious food  
D. Legal right of citizens
46. Who is known as the father of modern cartography?
- A. Abraham Ortelius                      B. Mercator                      C. Anaximander                      D. Hipparchus
47. Among the following which is included in the exploitation of weavers
- A. Cotton was exported to Britain                      B. Implemented new forest laws  
C. Levied taxes in the form of crops                      D. Levied tax for Britain made clothes
48. Among the following who has not won the Nobel prize for peace
- A. Aung San Suki                      B. Kailash Satyarthi                      C. Mahatma Gandhi                      D. Malala Yusuf Sai

49. Among the following which is included in primary sector

- A. Building construction                      B. Production of Biscuits  
C. Cattle rearing.                                D. Taxi service

50. Who is the author of The Early Travels in India ?

- A. Ravindranath Tagore                      B. Jawaharlal Nehru  
C. Lord Mountbatten                         D. William Foster

51. Which is the correct chronological order of the following historical events

- 1.Homerule Movements                      2.Partition of Bengal  
3.Surat Split                                      4. Formation of Indian National Congress  
A) 1,2,3,4                                        B) 4,2,3,1                                        C) 4,3,1,2                                        D) 2,4,1,3

52. Which one of the following statement is wrong?

- A.The first president of Indian National Congress was W.C Banerjee  
B. The first meeting of Indian National Congress was at Mumbai  
C. Gopalakrishna Gokhale was one of the extremist leader of Indian National Congress  
D. Drain theory was the contribution of Dadabhai Nairoji

53. Who was the Mughal ruler in 1764?

- A) Akbar 2                                        B) Bahadursha safar                                        C) Sha Alam                                        D) Aurangzeb

54. Which city in India has been designated as the city of literature by UNESCO

- A) Mumbai                                        B) Kolkata                                        C) Kozhikode.                                        D) Gwalior

55. The scheme that implemented by the government of Kerala for the treatment of diabetic affected children

- A) Changathi                                        B) Aswanedham                                        C) Mittayi                                        D) Thalolam
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