



AL-AMEEN OLYMPIAD 2024

CLASS-VIII

Full Marks: 100

Time: 3 hours

ENGLISH

1. "If it doesn't rain for a long time, the earth gets very dry." Is an Example of

- (A) Zero Conditional (B) First Conditional
(C) Second Conditional (D) Third Conditional

2. is the structure of?"

If + Past Perfect	Would have + past participle Could have + past participle
-------------------	--

- a) Zero Conditional b) First Conditional
c) Second Conditional d) Third Conditional

Fill in the blanks with modals.

3. My mother _____ punish me for breaking the chair.

- a) May b) Might c) Will d) Can

4. Drivers _____ fasten seat belts while driving.

Options:

- a) Could b) Must c) May d) Might

5. If you work hard, you _____ succeed in life.

- a) Can b) Will c) Might d) Must

6. The passive voice is in the structure of Subject + has + been + Past Participle + Object. Then the active voice is in which tense:

- a) Past Perfect b) Past Perfect Continuous
c) Present Perfect d) Present Perfect Continuous

7. Statement 1:- In voice change the subject and object interchange.

Statement 2:- The form of the sentence changes in voice change.

- a) S1 is true, S2 is false. b) S2 is true, S1 is false.
c) Both are true. d) Both are false.

8. Convert 'Study hard, or you will fail' into complex.

- a) Study hard and you will fail? b) Study hard lest you should fail
c) Study hard but you will fail. d) Study hard least you will fail.

9. Convert 'He ran away as soon as he saw me! Into compound sentence-

- (a) He saw me, and at once, he ran away. (b) He saw me as soon as I ran away.
(c) He and I ran away as soon as possible. (d) He ran away, and I saw him.

10. Change the voice of the following:

She had already cooked the food.

- a) The food had already cooked her b) The food had cooked her already.
c) The food cooked already. d) The food had been already cooked.

11. You are requested to post this letter."

- a) Let the letter be posted.
- b) Please post this letter.
- c) Your letter must be posted.
- d) May the letter be posted.

Choose the right verb phrase:

12. He finally _____ to his mistake and apologized.

- a) Gave up
- b) Took off
- c) Put off
- d) Owned up.

13. The plane _____ after a slight delay.

- a) Took off
- b) Took up
- c) Took over
- d) Took on

14. We need to _____ the meeting due to unforeseen circumstances.

- a) Put on
- b) Call off
- c) Take up
- d) Carry out

15. Since it was late, I decided to stay at home' _____ this sentence is an example of:

- a) Interrogative sentence
- b) Simple sentence
- c) Compound sentence
- d) Complex sentence

16. Choose the correct indirect speech for the following:

She said, "Had I known the truth, I would have helped him."

- a) She said that if she knows the truth, she would have helped him.
- b) She said that if she had known the truth, she would have helped him.
- c. She said that if she had known the truth, she would have helped him.
- d. She said that she knows the truth and would have helped him.

17. He said, "I might visit his grandparents next weekend."

- a) He said that he might visit his grandparents next weekend.
- b) He said that he might visit his grandparents the following weekend.
- c) He said that he may visit his grandparents the next weekend.
- d) He said that he might be visiting his grandparents the next weekend.

18. She said, "Who will accompany you to the party?"

- a) She asked who would accompany me to the party.
- b) She asked me who will accompany me to the party.
- c) She asked who had accompanied me to the party.
- d) She asked who shall accompany me to the party.

19. Grandmother said to me, "May you live long"

- a) Grandmother said, "May I live long."
- b) Grandmother told God may I live long.
- c) Grandmother wished I may live long.
- d) Grandmother wished that I might live long.

Read the following extract:

1. There are various beliefs prevalent in the society as to what should be eaten and what should not be eaten to keep healthy. If one has high blood pressure, one is told to cut down on or stop consuming sodium. A new study from Boston University reveals that low sodium does not actually cause low blood pressure. A little salt is part of a healthy food plan. The study has shown that the people

with the lowest intake of sodium along with the ones who have the highest intake of sodium have a greater risk of heart disease than the people in the middle.

2. There is a theory that drinking milk post infancy is unnatural. It is true that humans are the only species to drink milk as adults. Research shows that we have genetically evolved to adapt to it. Milk products actually play an important role in keeping us healthy. Dairy products are rich in whey, protein, linoleic acid and calcium.

3. Fat in general is not a bad thing. The scientific community is still debating the benefits of saturated fats. The other types of fats taken in moderation are good for us. Plant-based fats such as monosaturated fats found in foods like almonds, avocado and omega-3 fatty acids found in fish offer many healthy benefits. These fats may reduce inflammation and improve the quality of blood.

4. It may seem that diet products such as light salad dressing are healthier choices to eat but often they are really not. Healthy food like this used to be popular, but many of these products remove the fat and replace it with added sugar. Large amounts of added sugar in the diet may be even more damaging to health than excessive dietary fat.

5. A major study from CDC showed that people who consumed a lot of sugar were more than twice likely to die from heart disease. If you opt for a higher food, check the ingredients and food label to make sure that the fats have not been replaced with added sugar. We must study the reports of various researches before adopting any new mode of eating or food habit otherwise the result of the food plan may be opposite of what is expected.

Based on your understanding of the passage, answer the following questions.

20. The reason why we should consume dairy products is:

- a) They are rich in protein and calcium. b) They are tasty and tempting.
c) They are good for the heart. d) They are not very expensive.

21. Which type of people have a greater risk of heart disease?

- 1) People with no intake of salt.
2) People with the lowest intake of salt.
3) People with moderate intake of salt.
4) People with the highest intake of salt.
5) People who have multiple complications.

- a) 1 and 3 b) 2 and 3 c) 4 and 5 d) 2 and 4

22. Plant-based fats are good because they:

- a) Improve the quality of blood. b) Improve appetite.
c) Strengthen mind and body. d) Improve heartbeats.

23. The word 'prevalent' in the first paragraph of the passage means:

- a) Most uncommon. b) Most common.
c) Unconventional. d) Important.

24. What is more damaging to health than excessive dietary fat?

- a) A lot of added sugar in the diet.
- b) No sugar intake.
- c) Eating saturated fat frequently.
- d) No fat intake.

25. Mon saturated fats are found in foods like:

- i) Milk products ii) Sugar iii) Almonds iv) Oil v) Avocado
- a) i and iv b) iii and v c) ii and iv d) ii and iii

SOCIAL SCIENCE

26. Identify the point plotted in the given map of Assam:-



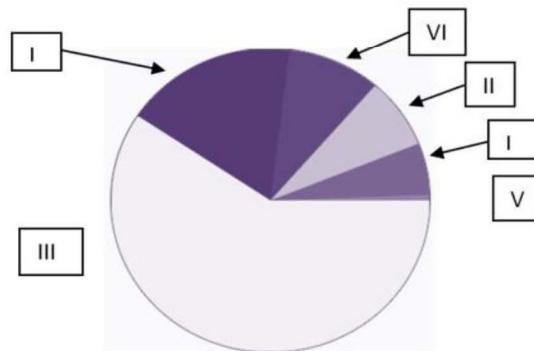
- A) Manas National Park B) Kaziranga National Park
- C) Orang National Park D) Dibru- Saikhowa National Park

27. Shifting cultivation is also known as _____ in North East India.

- A) Milpa B) Roca C) Ladang D) Jhum

28. A population based pie chart is given below. Carefully examine it and choose the correct option:-

From the above figure, name the largest continent in terms of population:-



- A) I- Asia B) I- Africa C) III- Asia D) III- Africa

29. CITES stands for:-

- A) Convention on International Trade in Endangered Species of Wild Fauna
- B) Centre for International trade and Economic Sustainability
- C) Convention on Indian Trade in Extinct Species
- D) Centre for International Trade on Export Surplus

30. Name the scholar who wrote the first history of India that covered all periods.

- A) James Rennell B) James Mill C) James Staurt D) James Augustus

31. Who led the Munda revolt (1897-1900)?

- A) Birsa B) Ukiang Nongbah C) Chakra Bisoi D) Sambudhan

32. Which of the following is not a cause of the Revolt of 1857?

- I. Subsidiary Alliance & Doctrine of Lapse II. High land tax.
III. Grease Cartridges. IV. Introduction of western education
A) Only I B) Only II C) Only III D) Only IV

33. Given below is the Jamdani style of weaving. From the options given below select the place of its origination:-



- A) Gujarat B) Dhaka C) Kashmir D) Kanchipuram

34. How many High Courts are in India?

- A) 23 B) 22 C) 25 D) 24

35. Moving of people from one place to another is called__.

- A) Migration B) Immigration C) Emigration D) Urbanization

36. Which article of the Indian constitution ensures freedom of religion?

- A) Article 14 B) Article 25 C) Article 30 D) Article 32

37. _____ is the most important festival of Assam:-

- A) Bihu B) Hornbill C) Shirui Lily D) Chapchur Kut

38. Which of the following is a renewable resource?

- I. Coal II. Gold III. Forest IV. Natural gas

- A) Only I B) Only II C) Only III D) Only IV

39. Match the following and choose the correct option:

- | | |
|-------------------|----------------|
| I. Kathakali | I. Assam |
| II. Satriya | II. Kerala |
| III. Bharatnatyam | III. Odisha |
| IV. Odissi | IV. Tamil Nadu |

- A) I-II, II-I, III-IV, IV-III B) I-II, II- III, III- IV, IV-I
C) I-III, II-I, III- II, IV-IV D) I-I, II-IV, III- II, IV-III

40. Statement I-The Constitution of India came into force on 29th November,1949.

Statement II- Dr BR Ambedkar was the chairman of drafting committee.

- A) I is true but II is false B) I is false but II is true
C) Both are true D) Both are false

41. Who is the present President of India?

- A) Narendra Modi B) Draupadi Murmu
C) Pranab Mukherjee D) Rahul Gandhi

42. Name the smallest country of the world.

- A) China B) Canada C) Russia D) Vatican City

43. Assertion-A: A large portion of lithosphere (90 %) is confined to Northern Hemisphere.

Reason-R: Due to the above fact, almost 90 % of the population lives in the Northern Hemisphere.

- A) Assertion is correct but Reason is wrong
B) Assertion is wrong but Reason is correct
C) Both are correct and Reason is the correct explanation
D) Both are incorrect.

44. According to 2011 census, the population of Assam was:-

- A) 3 crore B) 3.12 Crore C) 312 Crore D) 31.2 Crore

45. Match the following:

- | | |
|--------------------|---------------|
| I. Rajya Sabha | I. Delhi |
| II. Lok Sabha | II. 545 seats |
| III. Sansad Bhavan | III. Agra |
| IV. Taj Mahal | IV. 245 seats |

- A) I-II, II-I, III- IV, IV- III B) I-IV, II- I, III- II, IV-III
C) I-IV, II-II, III- I, IV- III D) I-I, II-III, III- IV, IV-II

46. Which of the following leader didn't participate in the revolt of 1857?

- A) Nana Saheb B) Mahatma Gandhi C) Lakshmi Bai D) Kunwar Singh

47. The Capital city of New Delhi was planned by British architect:-

- A) Edwin Lutyers B) George Wittet C) John Begg D) Laurie Baker

48. World Environment Day is observed on _____:-

- A) 5th July B) 25th June C) 15th June D) 5th June

49. Which of the following maps correctly shows the diwani area granted to the Company in 1765?



A) More than 90% B) 50 % C) 1 % D) Less than 1%

51. A, B and C started a business with capital ₹12,000, ₹20,000 and ₹24,000 respectively. After 4 months, B takes out ₹4,000 and C added ₹6,000 to his investment. Then, find the profit share of B, if the total profit is ₹8,600.

- a. ₹2,500 b. ₹3,500 c. ₹2,600 d. ₹3,600

Statement-1: The square root of certain decimal numbers are obtained by first changing the decimals into fractions with perfect squares as their numerators and denominators.

Statement-2: $(26.1)^2$ lies between 400 and 900

- Statements-1 is true and statement -2 is false.
- Statements-1 is false and statement -2 is true.
- Both statements 1 and 2 are false.
- Both statements 1 and 2 are true.

a. Commutative
b. Associative
c. Neither commutative nor associative
d. Both A & B

54. If $(a+b) : (b+c) : (c+a) = 6:7:8$ and $a+b+c = 14$, then the value of C is-

- a. 6 b. 8 c. 14 d. 7

If money is loaned at simple interest then the:

- money gets doubled in 5 years at the rate of interest $16\frac{2}{3}\%$
- money gets doubled in 5 years at the rate of interest is 20%

a. (i) & (ii) are correct
b. (i) alone is correct
c. (ii) alone is correct
d. none of these.

56. If $\sqrt[3]{3\left(\sqrt[3]{x} - \frac{1}{\sqrt[3]{x}}\right)} = 2$, then the value of $\left(x - \frac{1}{x}\right)$ is -

- a. $\frac{728}{9}$ b. $\frac{520}{27}$ c. $\frac{728}{27}$ d. $\frac{328}{15}$

57. If the edge of a cube is increased by 50%, the percentage increase in its surface area is-

- a. 50% b. 75% c. 100% d. 125%

58. If a exceeds b by $x\%$, then which of the following is correct?

- a. $a - b = \frac{x}{100}$ b. $b = a + 100x$ c. $a = \frac{bx}{(100+x)}$ d. $a = \left(b + \frac{bx}{100}\right)$

59. The value of $\sqrt{\frac{0.00001225}{0.00005329}} - \sqrt[3]{\sqrt{0.000064}} =$

- a. 0.2 b. 0.279 c. 0.479 d. 0

60. Sonu's grandmother is 80 years old and Sonu is 20 years old. How many years ago was his grandmother 7 times as old as sonu?

- a. 8 years b. 10 years c. 12 years d. 15 years

61. How many numbers are there between 200 and 800 which are divisible by both 5 and 7?

- a. 35 b. 16 c. 17 d. can't be determined.

62. If X4Y5Z is exactly divisible by 9, the least value of (X+Y+Z) is –

- a. 3 b. 6 c. 9 d. 0

63. If $\frac{1}{(243)^x} = (729)^y 3^3$, the find the value of $5x + 6y$

- a. 33 b. -3 c. 297 d. 0

64. If the perimeter of an equilateral triangle and a square is same and the area of equilateral triangle is x and the area of square is y , then

- a. $x > y$ b. $x < y$ c. $x \geq y$ d. $x \leq y$

65. When 17^{200} is divisible by 18, find the remainder –

- a. 1 b. 4 c. 5 d. 3

66. The value of $\frac{4\frac{1}{7} - 2\frac{1}{4}}{3\frac{1}{2} + 1\frac{1}{7}} \div \frac{1}{2 + \frac{1}{2 + \frac{1}{5 - \frac{1}{5}}}}$ is

- a. $\frac{7}{29}$ b. $\frac{5}{6}$ c. 1 d. $\frac{9}{13}$

67. A sum of ₹3310 is to be paid back in 3 equal installments. How much is each installment if the interest is compounded annually at 10% per annum?

- a. ₹1321 b. ₹1231 c. ₹1331 d. ₹3310

68. While solving a mathematical problem, Danial squared a number and then subtracted 25 from it rather than the required i.e first subtracting 25 from the number and then squaring it. But he got the right answer. What was the given number?

- a. 13 b. 38 c. 48 d. cannot be determined

69. The ratio of ages of two boys is 3:4. After 3 years, the ration will be 4:5. The ratio of their ages after 21 years will be-

- a. 14:17 b. 17:19 c. 11:12 d. 10:11

70. Let x and y be two real numbers, such that $-3 < x \leq 7$ and $-14 \leq y \leq -3$. Then max value of $(x - y)$ is –

- a. 4 b. 10 c. 14 d. 21

71. Let $|x| = \begin{cases} x, & \text{if } x \geq 0 \\ -x, & \text{if } x < 0 \end{cases}$

Let $< |x| > = x - 5$, then

$< |7| + |-5| + |-2.5| > -14.5$

- a. -5 b. -12.5 c. -7 d. 5.5

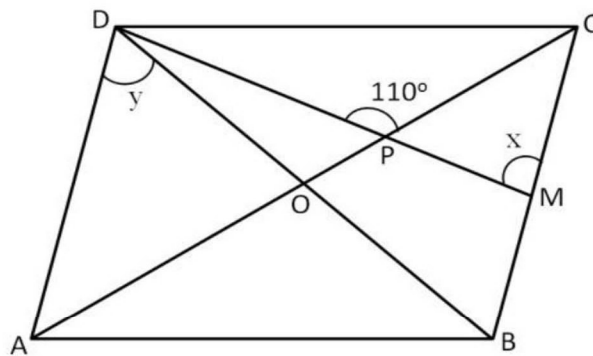
72. The number 0 is-

- a. odd b. Even c. Neither even nor odd d. Both even and odd

73. If all interior of a quadrilateral are equal to 90 degrees. Then the quadrilateral will be a-

- a. Rectangle or Rhombus b. Rectangle or square
c. Square d. Rectangle

74. In the given figure, ABCD is a rhombus and $\angle BCD = 80^\circ$, find X and Y respectively.



- a. $40^\circ, 20^\circ$ b. $70^\circ, 50^\circ$ c. $80^\circ, 30^\circ$ d. $50^\circ, 40^\circ$

75. Which of the following statement is/are true?

i. $\frac{-5}{0}$ is a negative rational number.

ii. The reciprocal of $\frac{1}{a}$, if $a = 0$ is $\frac{1}{0}$

iii. $1 \div \left(\frac{-1}{4}\right) = -4$

iv. $x \div (y + z) = x \div y + x \div z$

- a. Both (i) and (ii) b. only(iii) c. (i), (ii) and (iv) d. (ii), (iii) and (iv)

GENERAL SCIENCE

76. How many of following algae's habitat is fresh water?

Chlamydomonas, Spirogyra, volvox, chara, ulothrix, Oedogonium

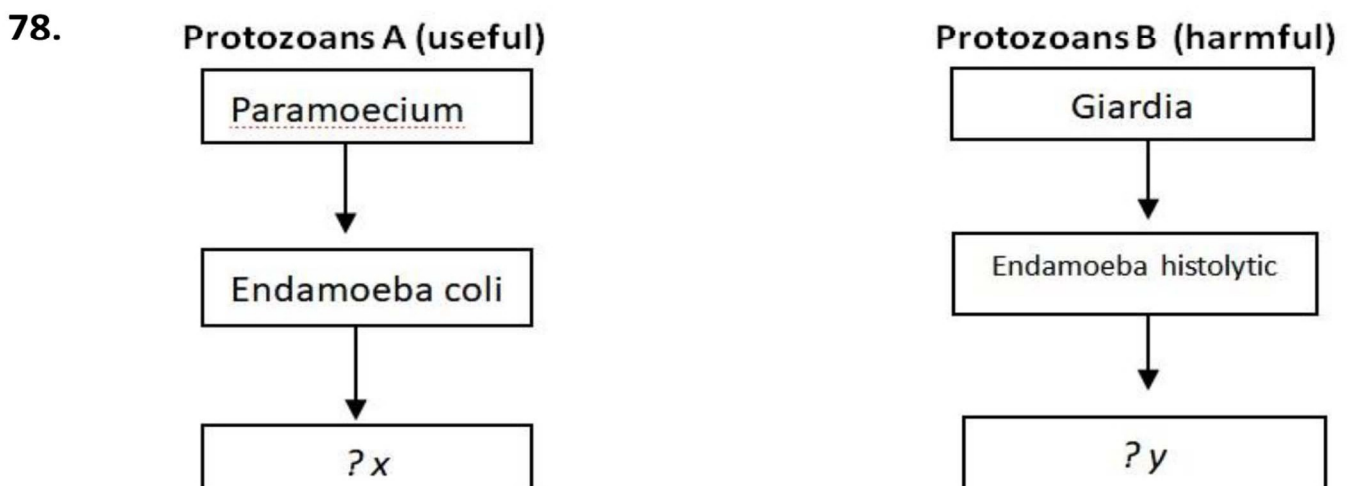
- a) 6 b) 4 c) 3 d) 5

77. Match the following with their correct match

- | | |
|------------------|------------------------|
| I) Clostridium | i) iodine |
| II) Rusts | ii) food poisoning |
| III) Trypanosoma | iii) puccinia |
| IV) kelp | iv) plant diseases |
| | v) potassium |
| | vi) botulism |
| | vii) sleeping sickness |
| | viii) protozoan |

Options:

- | | | | |
|---------------|----------------|-----------------|--------------|
| a. I – v, vi | II – ii, iii | III – iv, viii | IV – v, vii |
| b. I – ii, vi | II – iii, iv | III – vii, viii | IV – i, v |
| c. I – vi, ii | II – iii, v | III – vii, iv | IV – i, viii |
| d. I – v, iii | II – vii, viii | III – iv, v | IV – i, ii |



Complete the boxes x,y with relation to their above boxes

- | | |
|--------------------|--|
| a) x= Trypanosoma, | y= plasmodium |
| b) x = Zooplankton | y= Trichonympha(lives in the gut of termites) |
| c) x = zooplankton | y= Trypanosoma |
| d) x= zooplankton | y= Euglena |

79. Which of the following animals depend on the bacteria living in the gut for the digestion of cell wall based food.

- “ A majestic feline with orange fur and black strips, known for its stealth in the jungle”
- An animal with 3-chambered heart.
- An animal that eats both plants and animals.
- “ A gentle form animals that give us milk”

80. Which of the following best describes a pseudopodium in amoeba?

- a) A permanent organelle for movement
- b) A projection of varying lengths used for feeding and movement.
- c) A rigid structure present in plant cells
- d) A membrane bound component in the cytoplasm

81. Which organelle's dysfunction is most likely to result in reduced ATP production in a eukaryote cell?

- a) Ribosome's b) chloroplasts c) Mitochondria d) Nucleus

82. How does the nuclear pore complex control what goes in and out of the nucleus?

- a) By blocking all big molecules from entering
- b) By only allowing special proteins with a "pass code" to go through
- c) By pumping ions in and out of the nucleus
- d) By directly helping DNA copy

Passage:

A team of researchers is studying the differences in cellular structures and functions between prokaryote and eukaryote organisms. They follow on how these differences affect metabolic process adaptability and environmental interactions. For their study they observe bacterial cells under an electron microscope, noticing the absence of membrane bound organelles but a well defined cell wall. They compare this to eukaryotic cells, where organelles but a well defined cell wall. They compare this to eukaryotic cells. Where organelles like mitochondria, chloroplasts and the nucleus are distinctly visible. Their findings also highlight that bacterial cells rely on their plasma membrane for energy generation since they lack mitochondria. Additionally they study specialised eukaryotic cells, including nerve cells, muscles and plant guard cells, to understand how cellular structure influence specific functions like contraction and gas exchange.

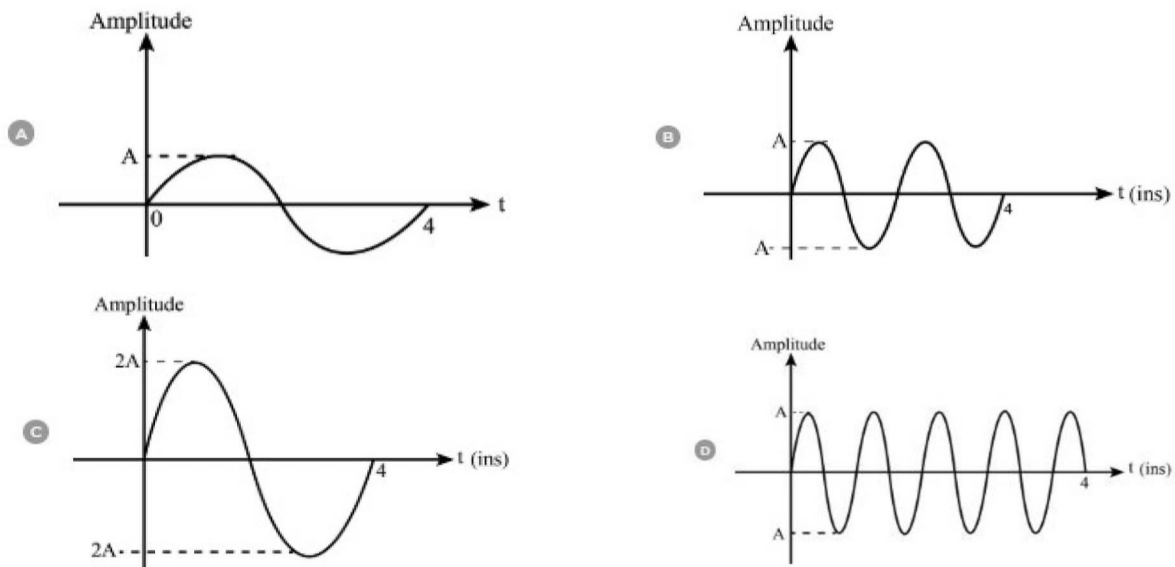
83. Why do prokaryotic cells rely on the plasma membrane for energy production?

- a) They lack ribosome's for energy production
- b) They don't have mitochondria for electron transport
- c) Their cell wall generates ATP.
- d) Their ectoplasm does not contain enzymes for metabolism.

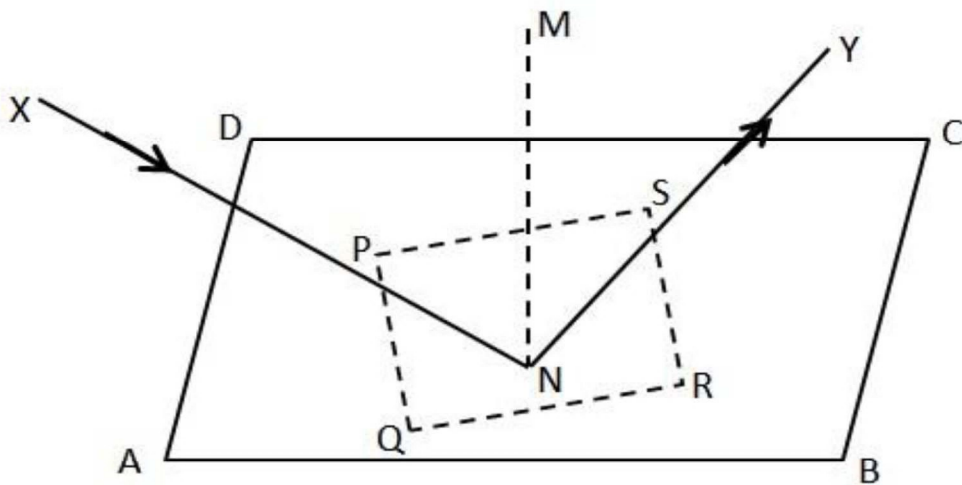
84. Why is the absence of membrane bound organelles in prokaryotes an evolutionary advantage in certain environment?

- a) It allows for faster and replication.
- b) It enables greater production of energy.
- c) It enhances the storage of genetic material.
- d) It increases the number of metabolic pathways.

85. Which of the following diagram indicates high pitch



86.



As per the laws of reflection " the incident ray, the reflected ray and the normal at the point of incidence all lie in the same plane." Identify the plane from the given diagram

- a) ABCD
- b) NRST
- c) QNTP
- d) PQRS

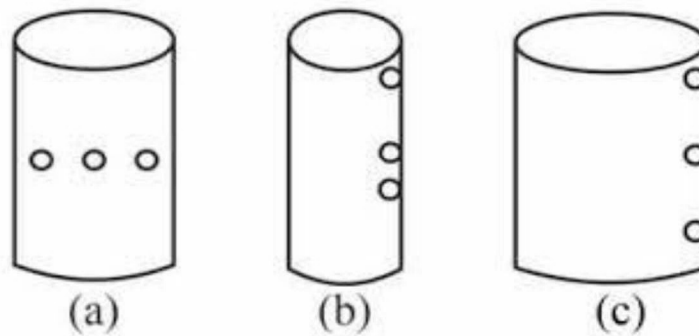
87. The Earth atmosphere exerts a pressure of about 101325 pascals at sea level which is equal to

- a) 57.2 pound psi
- b) 14.7 pounds psi
- c) 67.5 pounds psi
- d) 28.6 pounds psi

88. A pendulum swings from its equilibrium position to the left most extreme (10 m away) and back to the equilibrium position in 2 seconds. Choose the correct option after calculating the displacement in 'meter'

- a) 10 b) 0 c) 20 d) 30

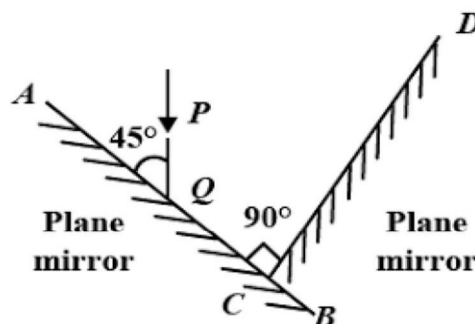
89. There are three tins filled with water and have holes of the same size as shown in the diagram below which of the following options correctly identifies true (T) and false (F) for the given statements.



- i) The farthest spout is from the middle hole in case (a)
 ii) The stream of water falls out the farthest through the upper hole in case (b)
 iii) The farthest spout is from the longest hole in case (c)

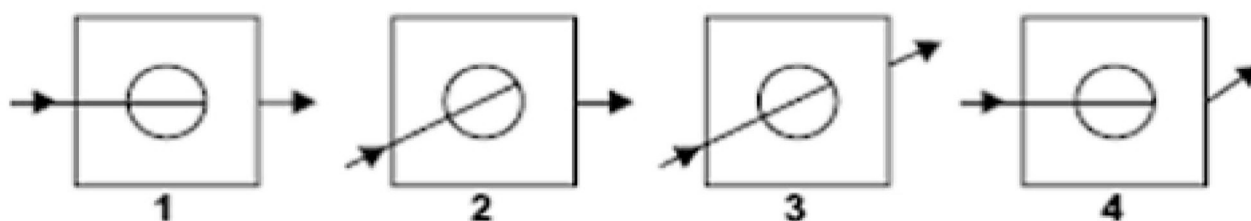
- | | | | |
|----|-----|------|-------|
| a. | (i) | (ii) | (iii) |
| | T | T | T |
| b. | (i) | (ii) | (iii) |
| | F | T | T |
| c. | (i) | (ii) | (iii) |
| | F | F | T |
| d. | (i) | (ii) | (iii) |
| | F | F | F |

90. Two plane mirrors AB and CD are placed at right angles to one another. A ray of light PQ hits AB at Q making an angle of 45° as shown in the diagram. His ray will be reflected from mirror CD at an angle of



- a) 20° b) 35° c) 45° d) 60°

91. A ray of light is shown through the hole in a cardboard. Which of the following diagrams show the correct direction of light passing through the cardboard?

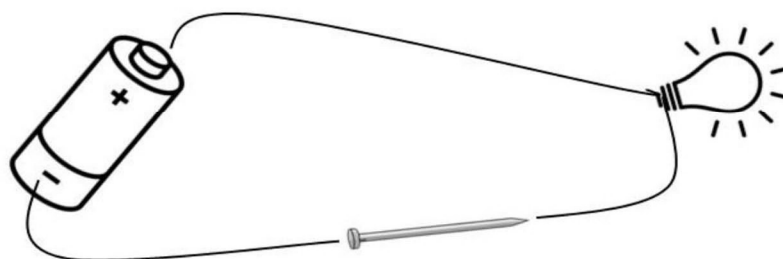


- a) 1 and 2 b) 2 and 3 c) 1 and 3 d) 3 and 4

92. A liquid of density 1000 kg/m^3 is filled in a container to a height of 5m. What is the pressure at the bottom of the container?

- a) 5000 pa b) 50000 pa c) 500000 pa d) 5000000 pa

93. Class 8th students performed an activity in their class as shown in the figure.



They used several other materials listed below in place of the nail.

Iron rod, copper wire, coal piece, wood piece, sulphur, Aluminium foil, A small stone.

In which of the following groups (i) to (iv) bulb will not glow at all?

- (i) Coal piece and sulphur ii) Iron rod, coal piece, small stone
iii) Iron rod, copper wire, aluminium foil iv) wood piece and small stone.

- a) (ii) and (iii) only b) (i) and (iii) only
c) (iv) only d) (i) and (iv) only

94. Two properties of four substances a, b, c, d are given in table. Which of the following is most likely a metal.

Substances	Melting point (°C)	Electrical	Conductivity
		Solid	Molten form
a	1100	Good	Good
b	1234	Poor	Good
c	2027	Poor	Poor
d	15	Poor	Poor

PASSAGE-

Metals in general have a tendency to evolve hydrogen gas on reacting with acids. In the reactivity series the metals that are placed above hydrogen evolve the gas on reaction with acids while the metals placed below hydrogen do not evolve the gas on reaction with acids. These metals are regarded as inactive metals. Metals placed at the bottom of the series are called noble metals.

The reactivity series is as follows- *Li, K, Na, Ca, Mg, Al, Zn, Cr, Fe, Sn, Pb, H, Cu, Hg, Ag, Au, Pt*

95. Pieces of copper, aluminium and Zinc are added to dilute hydrochloride acid. Which of the following test tubes most likely contain zinc

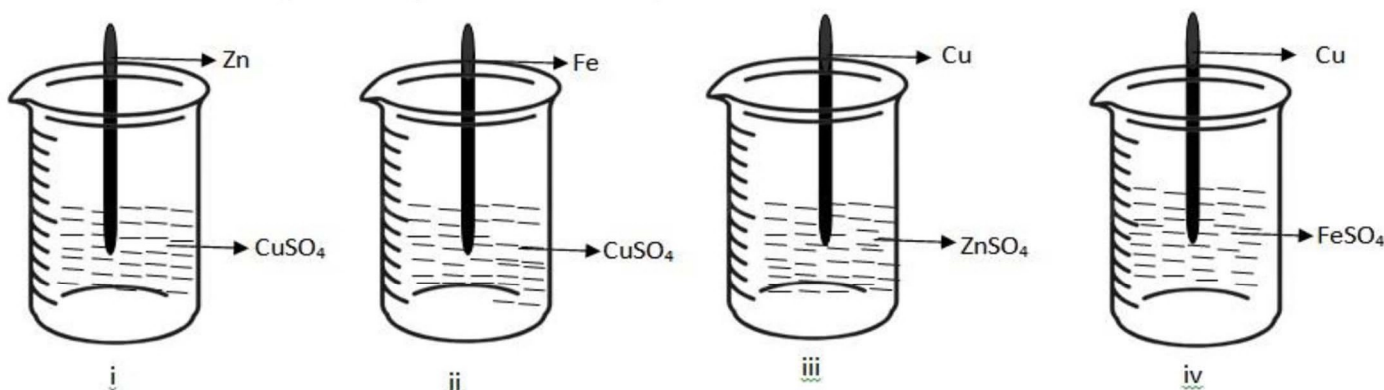


96. Complete the given table about properties of metals:

Property	Meaning
a)	Can be beaten into thin sheets
b)	Can be pulled into wires
c)	Gives a ringing sound when it
d)	Has a shiny appearance

- a) a = ductility b = malleability c = sonority d = lustrous
b) a = sonority b = ductility c = malleability d = lustrous
c) a = malleability b = ductility c = sonority d = lustrous
d) a = malleability. b = ductility c = lustrous d = sonority

97. Observe the given figures carefully



In which of the given beakers, reaction will not take place?

- a) (i), (ii) and (iii) only
- b) (iii), (iv) and (iv) only
- c) (ii), (iii) and (iv) only
- d) (iii) and (iv) only

98. When magnesium is placed in HCl, a reaction occurs producing hydrogen gas. What factor contributes to the increased reactivity of magnesium with HCl compared to other metals such as copper?

- a) Magnesium has a high atomic mass, which leads to greater reactivity with acids.
- b) Magnesium reacts more readily due to its position higher in the reactivity series compared to copper.
- c) Copper reacts more easily because it has fewer electron shells than magnesium.
- d) Magnesium is less reactive with acids but produces a stronger reaction due to its crystal structure.

99. Why do alkali metals such as sodium and potassium need to be stored under oil or kerosene rather than in open air?

- a) They are easily oxidized by oxygen in the air, forming a protective oxide layer.
- b) They react violently with water in the presence of moisture producing heat & hydrogen gas.
- c) They are too brittle and can break easily, so they require a soft surface for storage.
- d) They need to be kept in a vacuum to prevent them from corroding.

100. Why does an echo take longer to return in a large hall compared to a small room?

- a) Large halls absorb more sound.
- b) Sound travels slower in large halls.
- c) Sound takes more time to reflect in larger distances.
- d) Echoes do not occur in small rooms.