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of nails still attracted to P and Q?

P-Q (A)

37 Which of the following conditions enables heat to flow from one body to another body?

- (A) The difference of temperature between the bodies
- (B) The difference of the pressure exerted on the two bodies
- (C) The difference of density between the two bodies
- (D) The difference of size between the two bodies



- (A) Sea breeze
- (B) Land breeze
- (C) Cooling of water in a pool
- (D) The flow of electricity in a conducting wire

40 Which kind of mirror is used by an E.N.T. doctor to see the internal parts of the body?

- (A) Convex mirror (C) Plane mirror
- (B) Concave mirror (D) Either A or C

41 The 'average speed' of a motorist on a journey is:

- (A) the total distance travelled divided by the total time
- (B) the average of the fastest and slowest speeds
- (C) the average of his initial and final speeds
- (D) the total time divided by the total distance travelled









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CHEMISTRY



(A) terrain (C) nature of soil

(B) geographic location(D) proximity to sea

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The table given below shows the various ways in which plants reproduce.

Plants	Ways of Reproduction							
Xanthium	Z							
х	Spores	(Met)						
Potato	Y	Sec. 1						

Which of the following would you place in X, Y and Z

	X	Y	Z
(A)	Seeds	Suckers	Spores
(B)	Maple	Eyes	Seeds
(C)	Mucor	Eyes	Seeds
(D)	Drumstick	Spores	Suckers
			1.1

75 Observe the figure given below:



The stem shows swelling in upper portion. This is due to the blocking of the:

- (A) Upward movement of food
- (B) Downward movement of food
- (C) Upward movement of water
- (D) Downward movement of water

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CLASS : VII **Unified Council** 76 Gas 'P' diffuses from a capillary into an alveolus in the lungs. How is gas 'P' expelled from the alveolus? alvelous hlood capillary (A) During inhalation (B) During exhalation (D) During exercise (C) During respiration 77 The diagram below shows materials needed for survival being transported inside a plant. Which body system performs this function in humans? (A) Circulatory system (B) Digestive system (C) Excretory system (D) Respiratory system 78 Identify the animal that pops out its stomach through

its mouth to eat the food?

(A) Hydra (B) Starfish (C) Amoeba (D) Snail

79 Which of the following describes moulting?

(A) Spinning of cocoon

(B) Casting off of old skin

- (C) The resting stage is the life cycle of a silk worm
- (D) Change in appearance in the life cycle of silk worm

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80 Given below are the various steps involved in animal nutrition.

I.	Assimilation
II.	Ingestion
ПI.	Absorption
IV.	Digestion
V .	Egestion
1	A STATISTICS AND A STATISTICS

Arrange them in proper sequential order.

(A) III, II, IV, I, V (C) II, IV, III, I, V

(B) III, I, IV, II, V

(D) III, IV, II, V, I

81 Which of the following two terms are related to silk production?

(C) Apiculture and floriculture

(A) Sericulture and floriculture (B) Floriculture and horticulture (D) Sericulture and moriculture

82 Symbiosis is the phenomenon in which two different kinds of organisms pool together their nutritional requirements. From the following figures, which one represents such association?



83 Why do we have muscular cramps after strenous exercise?

(A) It is due to the breakdown of glucose

(B) It is due to the slow circulation of blood

(C) It is due to accumulation of lactic acid

(D) It is due to muscle cells respiring aerobically

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9.	D	10.	С	11.	С	12.	С		13.	В		14.	С	15.	А	16.	С
17.	С	18.	D	19.	D	20.	С	2	21.	В		22.	С	23.	С	24.	С
25.	С	26.	D	27.	В	28.	А		29.	А		30.	С	31.	С	32.	D
33.	В	34.	С	35.	С	36.	В		37.	А		38.	С	39.	D	40.	В
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49.	А	50.	А	51.	С	52.	А		53.	D		54.	В	55.	В	56.	В
57.	В	58.	А	59.	А	60.	С		61.	С		62.	В	63.	А	64.	В
65.	В	66.	D	67.	D	68.	В		69.	А		70.	С	71.	D	72.	D
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