

SUBJECT : SCIENCE (MULTIPLE CHOICE QUESTIONS)

Time : 30 minutes

M.M.: 15

General Instructions :

- (i) Attempt all questions.
- (ii) There are 15 multiple choice questions in total. Only one of the options in every question is correct. Put a (✓) against the correct option.
- (iii) Each question carries 1 mark.
- (iv) Do not use white fluid on these sheets.
- (v) Use only pen to mark the answers.

Q1. If you are 18 years old, you have journeyed _____ times around the sun.

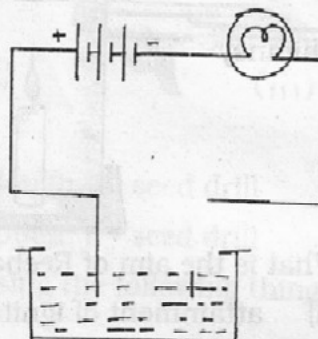
(a) 366	(b) 18
(c) 365	(d) 9

Q2. Sonia entered a poorly lit room from bright sunshine. Which of the following change occurred in her eye?

(a) the pupil became smaller	(b) the pupil became larger
(c) the ciliary muscles relaxed	(d) the lens became thicker

Q3. In which case the bulb will glow in the given tester circuit when the free ends are dipped in the following solutions.

- | |
|---------------------|
| (a) curd |
| (b) honey |
| (c) kerosene |
| (d) distilled water |



Q4. In order to obtain a coating of silver metal on a flower vase made of copper, the electrolyte used should be _____

- | | |
|-----------------------------|------------------------------|
| (a) copper nitrate solution | (b) copper sulphate solution |
| (c) sodium nitrate solution | (d) silver nitrate solution |

Q5. Images are formed by regular reflection. In which of the following case regular reflection will take place when a beam of light strikes?

- | |
|--|
| (a) wooden table |
| (b) chalk powder |
| (c) marble stone with water spread on it |
| (d) cardboard surface |

Q6. In an experiment, 6 kg of fuel was completely burnt. The heat energy produced was measured to be 240,000 KJ. What is the calorific value of the fuel?

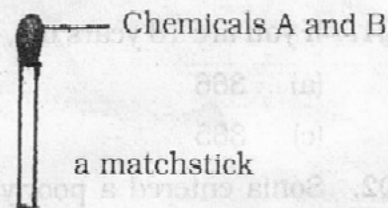
- (a) 45,000 KJ/kg (b) 40,000 KJ/kg
(c) 60,000 KJ/kg (d) 58,000 KJ/kg

Q7. While explaining the different zones of a candle flame, the teacher introduced a clean glass slide into the luminous zone of the flame. The students observed that

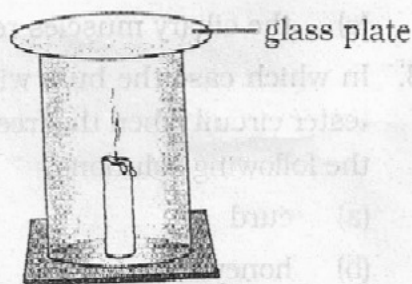
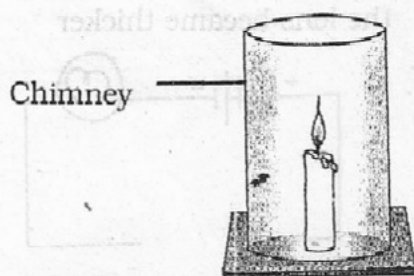
- (a) a circular ring of unburnt carbon particles was formed on the slide.
(b) the slide became red hot and immediately broke.
(c) water droplets were formed on the slide.
(d) the candle extinguished.

Q8. Identify chemicals A and B.

- (a) Red phosphorus and Potassium chlorate
(b) White phosphorus and glass powder
(c) Antimony trisulphide and White phosphorus
(d) Potassium chlorate and Antimony trisulphide



Q9. Reehan set up the following experiment in the lab.



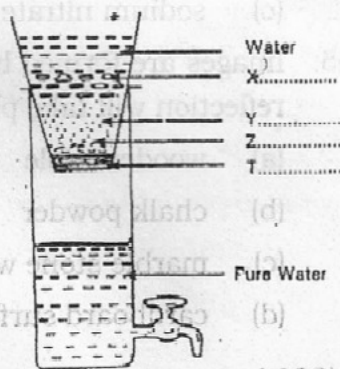
What is the aim of Reehan's experiment?

- (a) attainment of ignition temperature is necessary for combustion.
(b) air is necessary for combustion.
(c) presence of a combustible substance is necessary for combustion.
(d) heat energy is produced during combustion.

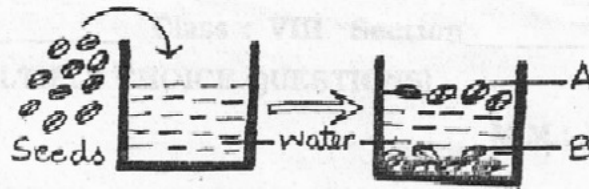
Q10. Mohini designed the following simple water purifier at home.

Identify X, Y, Z and T from among the following - sand, cotton, gravel, fine cloth.

- (a) X - gravel, Y - sand, Z - cotton, T - fine cloth
(b) X - cotton, Y - gravel, Z - sand, T - fine cloth
(c) X - fine cloth, Y - cotton, Z - sand, T - gravel
(d) X - sand, Y - gravel, Z - fine cloth, T - cotton



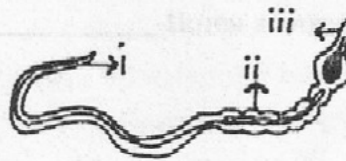
Q11. In order to select healthy seeds, to sow in his field, Veerbhadra performed the following activity - He found that



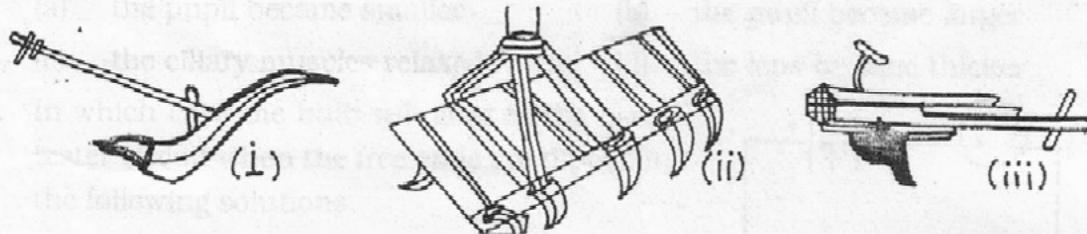
- (a) both seeds A and seeds B were healthy.
- (b) seeds A were healthy and B were infected.
- (c) seeds B were healthy and A were infected.
- (d) both seeds A and seeds B were infected.

Q12. In the given figure of human sperm parts i, ii and iii are _____, _____ and _____ respectively.

- (a) i - head, ii - middle piece, iii - tail
- (b) i - head, ii - tail, iii - middle piece
- (c) i - tail, ii - middle piece, iii - head
- (d) i - middle piece, ii - head, iii - tail



Q13. Plough and seed drill are agricultural implements used for tilling and sowing. Identify the plough and seed drill from the given figures.



- (a) i - plough iii - seed drill
- (b) ii - plough i - seed drill
- (c) iii - plough ii - seed drill
- (d) i - plough ii - seed drill

Q14. A student grew seedlings in three pots A, B and C using the following things:

Pot A - only soil

Pot B - soil and manure

Pot C - soil and fertiliser

After 10 days he arranged the pots A, B, C in increasing order of the growth of seedlings. Identify the correct arrangement.

- (a) $A < B < C$
- (b) $B < A < C$
- (c) $C < B < A$
- (d) $C < A < B$

Q15. A boy is 16 years old and 196 cm tall. If he attained 98% his full height, what is his expected height at the end of the growth period?

- (a) 200 cm
- (b) 160 cm
- (c) 180 cm
- (d) 190 cm



**SACHDEVA
GLOBAL SCHOOL**

CLASS - VIII	GENERAL KNOWLEDGE	Term II, SA2	12-03-2014
---------------------	--------------------------	---------------------	-------------------

Name:	M M : 20	Time : 1 Hr
--------------	-----------------	--------------------

Q1. Choose the correct option. (1/2X6=3)

- (a) Which of the following is NOT bioluminescent?
- (i) Vampire Squid
 - (ii) Angler Fish
 - (iii) Jungle mushrooms
 - (iv) Clusterwink snout
- (b) Which of the following animal is the second fastest land runner after Cheetah?
- (i) Road runner
 - (ii) Opossum
 - (iii) Pronghorn
 - (iv) The giant ant eater
- (c) The highest peak in Europe is
- (i) Mt Elbrus
 - (ii) Mt Aconcagua
 - (iii) Mt Kilimanjaro
 - (iv) Mt Vinson Massif
- (d) Which of the following countries is called the home of Nobel Prize ?
- (i) Singapore
 - (ii) Sweden
 - (iii) France
 - (iv) Australia
- (e) The following instrument measures the growth of plants
- (i) Crescograph
 - (ii) Stroboscope
 - (iii) Spherometer
 - (iv) Odometer
- (f) The acid that produces fizz or bubbles in soft drinks is
- (i) Acetic acid
 - (ii) Citric acid
 - (iii) Carbonic acid
 - (iv) Salicylic acid

Q2. What is the name of the India's prestigious award which is given for (1X2=2)

- (a) Excellence in sports coaching _____
- (b) Research in science and technology _____

Q3. Name the authors of the famous classics. (1X2=2)

- (a) Pride and Prejudice _____
- (b) The Happy Prince and Other Tales _____