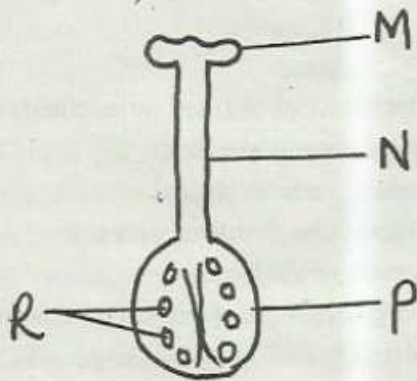

STANDARD SIX YEAR 2016

END-TERM 2, **SCIENCE PAPER** **TIME: 1HR-40MINS**

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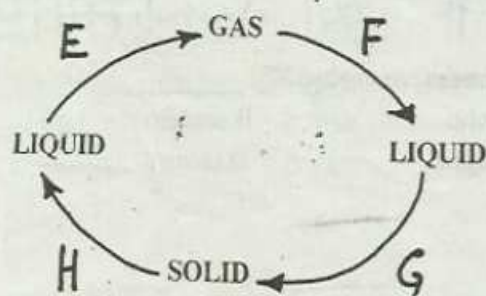
1. Which of the following is not true about gases?
 - A. Have definite volume
 - B. Have definite mass
 - C. Occupy space
 - D. Expand when heated
2. Which one of the following is true about cumulus clouds?
 - A. They are dark in colour
 - B. Look like balls of cotton wool
 - C. They normally bring heavy rains
 - D. They have flat bottom
3. Fertilization in female reproductive system takes place in the _____
 - A. vagina
 - B. oviduct
 - C. uterus
 - D. ovary
4. The following are ways in which HIV is spread which one is not?
 - A. Infected mother to her child
 - B. Sharing skin piercing and cutting tools
 - C. Blood transfusion
 - D. Playing with infected children

The diagram below represents a section of a flower



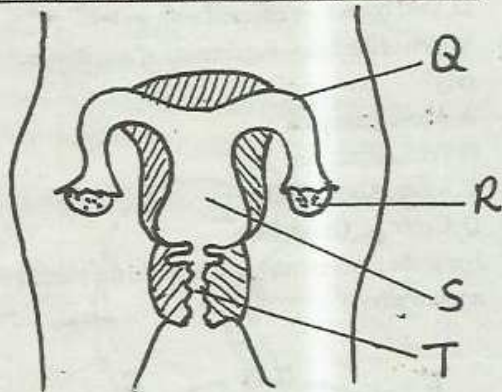
5. Name the marked parts MNPR respectively.
 - A. Stigma, Style, Ovary, Ovules
 - B. Stigma, Filament, Ovary, Ovules
 - C. Stigma, Filament, Ovules, Ovary
 - D. Stigma, Style, Ovules, Ovary

6. Which of the following statements about medicines is not true?
 - A. They are used to speed up recovery
 - B. They are used to relieve pain
 - C. They are used to help in digestion
 - D. They are used to prevent diseases
7. The air we breathe is normally cleaned in the _____?
 - A. Lungs
 - B. Nose
 - C. Air sacs
 - D. Bronchi
8. Animals feed which is cut, dried and preserved is called _____?
 - A. Pasture
 - B. Silage
 - C. Hay
 - D. Concentrates
9. The following are characteristics of amphibians except
 - A. they lay eggs
 - B. they are vertebrates
 - C. adult breathe through lungs
 - D. their bodies are covered with scales
10. Which of the following consists of non flowering plants only?
 - A. Moss grass pine
 - B. Fern, Algae, pine
 - C. Moss, Algae, Cabbage
 - D. Cabbage, Grass, Fern
11. Name the process marked E and F in the transfer of heat respectively.



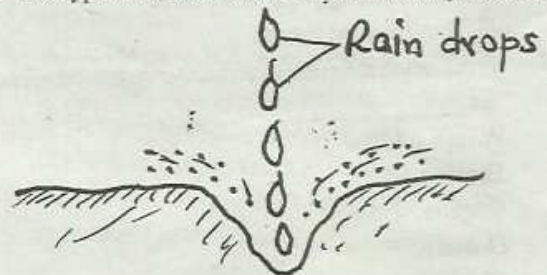
- A. Freezing, Evaporation
 B. Melting, Condensation
 C. Evaporation, Condensation
 D. Evaporation, Freezing
12. Which of the following methods of food preservation is both modern and traditional?
 A. canning
 B. salting
 C. smoking
 D. drying
13. At what age should immunization of Tuberculosis be done?
 A. 9 months
 B. at birth
 C. 1 year
 D. 10 weeks
14. Which of the following methods of grazing is NOT rotational?
 A. Tethering
 B. Paddock grazing
 C. Strip grazing
 D. Stall grazing
15. Which of the following physical changes is common in both boys and girls during adolescence?
 A. Breaking of voice
 B. Enlargement of breasts
 C. Growth of pubic hair
 D. Widening of chest
16. The sac in which the testes are contained in is called ____?
 A. scrotum
 B. epididymis
 C. penis
 D. foreskin

Use the diagram below to answer questions 17 - 20.



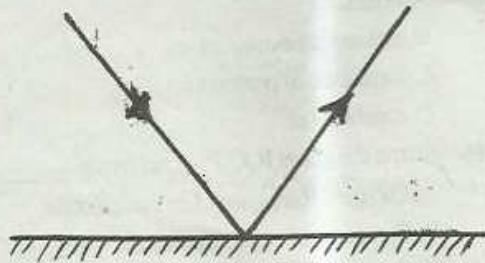
17. Name the part marked T _____
 A. vulva
 B. urethra
 C. vagina
 D. uterus

18. What is the function of the part marked R?
 A. produce ovules
 B. fertilizes sperms
 C. nourishes the foetus
 D. produces ova
19. In which part is the foetus nourished until birth?
 A. Q
 B. R
 C. S
 D. T
20. Fertilization occurs at the part marked _____
 A. Q
 B. R
 C. S
 D. T
21. What is the function of roughage in the human diet?
 A. Digest food
 B. Prevent constipation
 C. Transport digested food
 D. Provide the body with nutrients
22. The type of soil erosion shown below mainly occurs?
 A. near river banks
 B. under roofs of houses
 C. in the valleys
 D. in the forests



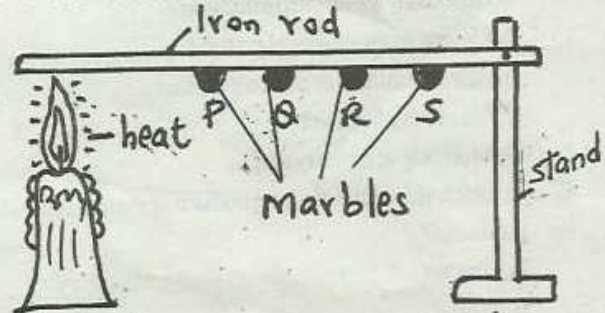
- A. near river banks
 B. under roofs of houses
 C. in the valleys
 D. in the forests
23. Which of the following is at the centre of the solar system?
 A. Earth
 B. Sun
 C. Moon
 D. Mars
24. Which of the following is NOT a proper use of medicine?
 A. Taking medicine only when sick
 B. Using medicine as recommended
 C. Not using medicine given to someone else
 D. Sharing medicine with friends
25. The following are examples of communicable diseases. Which one is not?
 A. Tuberculosis
 B. Malaria
 C. HIV/AIDS
 D. Ringworms

26. Insect pollinated flowers usually have the following characteristics. Which one is not?
 A. Have brightly coloured petals
 B. Are scented
 C. Produce nectar
 D. Stigma are large and feathery
27. The following are effects of HIV infection which one affects an individual?
 A. loss of a family member
 B. congestion in hospital wards
 C. fear, depression and hopelessness
 D. brings about orphans
28. The bouncing back of light as shown below is called ___?

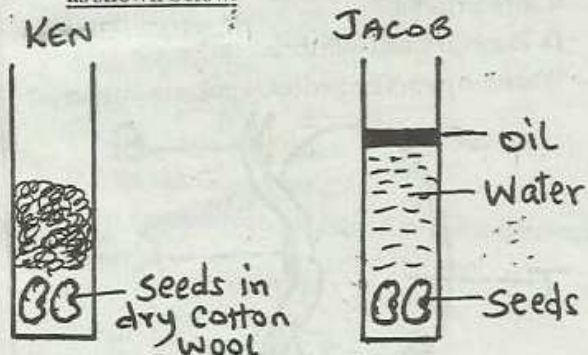


- A. refraction B. reflection
 C. reflaction D. refreccion
29. Which of the following is not a cause of soil erosion?
 A. Cutting down trees
 B. Overgrazing the pasture
 C. Afforestation
 D. Cultivation along river banks
30. Which part of the digestive system is correctly matched with its digestive juice?
 A. Stomach - Saliva
 B. Ileum - Intestinal
 C. Liver - Gastric
 D. Mouth - Bile
31. Cholera and typhoid can be prevented through the following ways except?
 A. Using safe water
 B. Maintaining proper hygiene
 C. Avoid bathing in the rivers
 D. Feeding on a balanced diet

32. In which stage of HIV infection are the results negative after testing?
 A. Symptomatic B. Window
 C. Incubation D. Full blown
33. Counselling done before HIV test is carried out is called _____?
 A. Guidance and counselling
 B. Post-test counselling
 C. Pre-test counselling
 D. Personal counselling
34. Why should a rain gauge be dug into the ground?
 A. To allow water to get into the rain gauge easily
 B. To reduce the amount of evaporation of the rain water collected
 C. To prevent it from being stolen
 D. To prevent the wind from knocking it over
35. Which method of heat transfer is shown below?



- A. conduction B. convection
 C. melting D. radiation
36. Which of the marbles will melt last?
 A. P B. Q
 C. R D. S
37. Four students set up experiments on germination as shown below.



- Whose bean seeds germinated after sometime?
 A. Ken B. Juliet
 C. Elizabeth D. Jacob

38. Which of the following is not a sign of malaria?

- A. Headaches
- B. Pain in the joints
- C. Loss of weight
- D. Loss of appetite

39. Which of the following planets is closest to the sun?

- A. Jupiter
- B. Venus
- C. Mercury
- D. Mars

40. Which of the following is not a sign of rickets. A child has _____?

- A. knocking knees and bowshaped legs
- B. Swollen knee joints
- C. Soft or brittle bones
- D. Sores at the corners of the mouths

41. How should adolescent boys and girls prevent themselves from sexually transmitted infections?

- A. Having multiple sexual partners
- B. Being faithful to one sexual partner
- C. Abstaining from sex
- D. Marrying at an early age

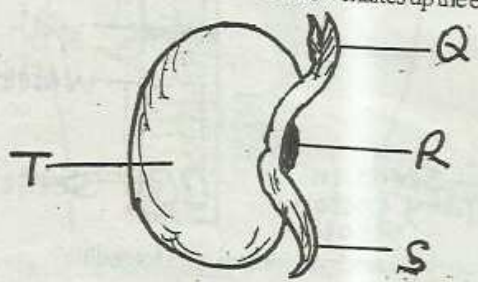
42. In which part of the male reproductive system is semen produced?

- A. Urethra
- B. Penis
- C. Testis
- D. Seminal vesicle

43. The following are importances of HIV testing which one is not?

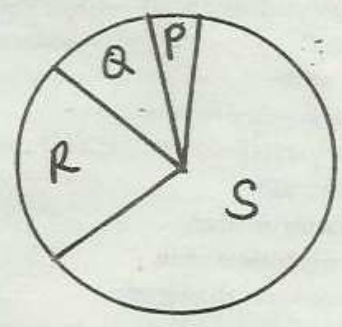
- A. To overcome the fear
- B. To change behaviour
- C. To plan for future
- D. To avoid contact with the infected people

44. Which two parts of the seed below makes up the embryo?



- A. QS
- B. QR
- C. TS
- D. TR

The piechart below shows composition of air use it answer questions 45 - 46



45. The gas marked S is used in _____

- A. breathing
- B. making fire extinguishers
- C. formation of proteins in plants
- D. combustion

46. Name the gases R, Q, P respectively _____

- A. Oxygen, Rare gases, Carbon dioxide
- B. Oxygen, Nitrogen, Carbon dioxide
- C. Oxygen, Carbon dioxide, Rare gases
- D. Nitrogen, Oxygen, Carbon dioxide

47. Pollination is the transfer of pollen grains from the _____ to the _____ of a flower.

- A. anther, ovary
- B. stigma, ovary
- C. anther, stigma
- D. anther style

48. A child who does not get enough proteins is likely to suffer from _____

- A. Kwashiorkor
- B. Rickets
- C. Marasmus
- D. Anaemia

49. Which of the following is not a reason for preserving food?

- A. To be used when food is out of season
- B. To increase yield
- C. For easy transportation
- D. To avoid wastages

50. The ability of a type of soil to allow water to pass through it is called _____

- A. soil capillarity
- B. water retention ability
- C. drainage
- D. Soil texture