

## **P.7 SCIENCE MARKING GUIDE B.O.T 1 2024**

- 1- Loam soil
- 2- They clean the environment by feeding on carrion
- 3- Living things grow.
- 4- Leads to tooth decay / bad body smell / halitosis
- 5- Regular washing of hands with water and soap / wearing face masks / sanitizing / immunization / social distancing
- 6- Cassava / carrot / sweet potato / turnip / beet root / radish / swede
- 7- Oxygen
- 8- Severe sweating / severe diarrhea
- 9- Cobra / mamba / viper / boomslang / coral snake
- 10-Fangs / hollow fangs
- 11-Wind / temperature / humidity / altitude
- 12-Food and nutrition
- 13-Ecological sanitation
- 14-Babies / wearing children / pregnant women
- 15-Breast feeding mothers / elderly / sick people
- 16-Peristalsis
- 17-By boiling
- 18-Artificial immunity
- 19-By feeding on a balanced diet.
- 20-A scald
- 21-Transpiration
- 22-Helps in rain formation
- 23-To prevent contamination of ORS.
- 24-Heart / lungs
- 25-Syphilis
- 26-Gas / gaseous state
- 27-Oviduct
- 28-Vein
- 29-Valves
- 30-Mastitis
- 31-Hook worms feed on blood

32-Mulches rot and form humus.

33-Liver

34-AIDS kills / AIDS has no cure / say no to sex till marriage / avoid bad touches

35-Leads to school dropout / young parents / early marriage / forced marriage

36-Prevents soil population

37-Bacteria help in decomposition

38-Death of the mother / when the mother has breast cancer / when the mother is HIV positive

39-By conduction

40-Used for pounding some food stuff.

41- Seed dispersal is the scattering of seeds from the parent plant to another area.

(b) Wind dispersal / annual dispersal / water dispersal

(c)Prevents plant extinction / enables plants to colonise new areas / prevents overcrowding of plants.

42-Sweat glands become more active / growth of public hair / growth of hair in the arm pit/ growth of pimples.

(b)vasectomy / tubal-ligation

43-Vent pipe

(b) traps houseflies till they die

(c)To prevent water contamination

(d) Sweeping / scrubbing / slashing around it

44-Tobacco / alcohol / opium / marijuana / miraa / khat / jet fuel

(b) Brain damage / liver damage / self neglect / poverty

(c) To look mature / to look attractive / to fit in peer groups / to feel warm

45-Honey

(b) Used for smoothing hive / sealing cracks

(c)bad smell around the hive / too much smoke / too much noise / dampness / leakage of the house.

46-Red blood cell

(b) A – transports oxygen around the body.

B- Fights against germs in the body.

(c) AIDS / leukaemia

47-Through reproduction

(b)Water / animals / soil / wind

(c)Does not pollute the environment

48-To reduce the rate of transpiration

(b) watering

(c)By use of vines

(d) Breaks the life cycle of pests

49- (a) C

(b) It has a small vibrating space

(c)Recording / notation

50-Prevents mosquito bites

(b) Housefly / mosquito / tsetse fly / black fly

(ii) rabid dog / water snail

(c)yellow fever / elephantiasis

51-To get enough support / to get enough sunlight

(b)Using hooks / clasping / using tendrils

(c)lenticel

52-The skin is not broken

(b) Dip the injured part in cold water

(c)Used to carry injured people who cannot walk to the hospital

(d) It is too big to fit in a first aid box.

53-Cockroach

(b) Complete life cycle

(c)To get food for the larvae

(d) reduces the volume of faeces in latrines

54-To let out stale air.

(b) let in light / emergency exit

(c)Feeding on a balanced diet / regular physical exercises / boiling water for drinking / sleeping under mosquito net / having enough sleep and rest

55-Ovulation (ii) fertilization (iii) conception (v) implantation