

VICTORY STEP EDUCATION SERVICES

INTEGRATED SCIENCE QUALITY CHECK GUIDE

1. Aedes mosquito
2. Out break of a disease/increased poultry vices
3. Help to carry out exchange of gases
4. North – south direction reject south – north direction
5. Eureka can/ An over flow can
6. Measuring cylinder
7. Air exerts pressure
8. Suture joints do not allow any movement in the body while other joints allow movement/
Suture joints are immovable joints while other joints are movable joints.
9. Key boards/pianos/guitors
10. The uterus walls mature and thicken/ovulation begins/ menstruation periods
begin/ovaries mature
11. One tablespoonful of salt
12. Through reproduction/By reproducing other organisms(animals)
13. pruning
14. To prevent tongue biting/to prevent the victim from biting his/her tongue
15. It is porous/made up of tiny pores that allow exchange of gases
16. Help in soil formation/help in matter decomposition to form humus
17. Ring
18. The label is meant to be on spores
19. Used to determine the amount of water in milk/Used to determine the amount of fats in
milk
20. When a bulb is blown//When the bulb is poorly placed into its holder//When the contact
point has rusted.
21. Honey extraction//equipment mantainance//Honey storage//Hive inspection
22. Filtration of water does not kill germs/Filtered water still contains germs
23. Help to move the metal index
24. Vent pipe
25. When a mother has HIV/AIDS//When a mother is too sick(very sick)//When a mother has
little or no breast milk// When a mother has breast cancer.
26. They have haemoglobin that helps them to transport oxygen.
27. Fermentation method of making alcohol
28. Should be 2 – 3 metres from the ground/ Should be made of wire mesh//Should be raised
from the ground
29. Setae//suction pads//tiny hairs in their pads reject suction cups
30. Has a shade that protects seedlings from harsh weather conditions
31. To prevent utensils from contamination
32. Increasing on the speed of peddling//increasing the speed of riding
33. Winnowing
34. Scurvy
35. Garden fork reject rake

36. For turning manure

37. Boost the body immunity against measles//Help the body to produce anti bodies that defend the body against measles

38. Changing of colour//Camouflaging

39. Growth of plants like mosses//fluctuation of rocks//Topography of the land//Changes in the temperature of the rocks//earth quakes.

40. Help a fish to reduce(prevent) friction (viscosity friction) during swimming

41a) Porcupinespines

b) SkunkBad smell

c) Caterpillar.....Prickly hair

d) Chameleon.....Camouflaging

42a) Weaning is the gradual introduction of semi solid food to a baby other than breast milk alone

b) i) Baby – Creates love bond between a mother and a baby//Easy to be digested in the tract of a baby//Always at the right temperature//Boosts the immunity of a baby since it has anti bodies//Has almost all food values a baby needs

ii) A mother: - it is cheap//saves time// ever ready

b) For replacement of worn out body tissues//For body building

43a) By induction//through induction

b) North pole reject south pole

c) Electric method reject stroking method//double touch//single touch method

d) Electro magnet reject induced magnet

44a) Checking whether children's nails are short//checking whether children comb their hair//cleanliness of childrens' uniform// Body hygiene of children// Checking children's teeth.

b) To improve on the cleanliness of pupils in the school//to promote personal hygiene//to educate pupils on ways of avoiding certain diseases.

c)personal hygiene

45a) Decantation method

b) Decanted water still contains germs

c) For washing//mopping//cooking food

46a) Fish are cold blooded vertebrates//breathe through gills//have fins for swimming in water//under go internal fertilization//reproduce by laying eggs reject they have scales on their body accept some fish have scales on their body

NOTE: Not all fish have scales on their body

b) Swim bladder: Prevents fish from sinking//keeps the fish buoyant

ii) Lateral line: For detecting danger in water//detecting sound vibrations in water//Help a fish to detect obstacles in water

47a) Femur//thigh bone

b) Skull protects the brain//rib cage protects the heart and lungs//eye orbit protects the eye//back bone protects the spinal cord//pelvis protects the internal reproductive organs

c) Reduces friction at a joint// lubricates bones to reduce friction

48a) Switch: Breaks or completes the circuit at one's will

Fuse : Breaks the circuit in case of too much flow of current

b) Copper is cheaper compared to other metals//copper is highly ductile//Can easily be bent//Can easily be worked into any shape

c) To prevent electric shocks

49a) Fracture ii) Burns and scalds

b) To save life//promote quick recovery//to stop bleeding//to reduce pain

49a) Air exerts pressure

b) For exerting pressure

c) Used for injecting medicines using a syringe//used to drive kites//used when wearing perfume//used in spraying chemicals using a pump sprayer//used to drink soda using a straw

50a) Constructing a latrine 30metres away from the water source//constructing a latrine 10m away from residential house//constructing latrine 10m away from the main road

b) Has a vent pipe//has a screen//has no lid to the hole//has spiral shaped walls

c) To keep them clean//to prevent the spread of faecal diseases(diarrhoeal diseases)//to keep away bad smell

52a) self neglect//coronary heart diseases//respiratory diseases//reduced life expectancy

b) One may buy expired drugs//one may buy contaminated drugs//drugs may properly not be prescribed

c) Alcohol//tobacco//cocaine//heroin//marijuana//opium//miraa//cannabis//bhanghi//ecstasy//petrol//nicotine//amphetamine

53a) mushroom//yeast//moulds//puff balls//toad stools

b) By means of spores

c) Fungi lack chlorophyll while ferns have chlorophyll// Fungi feeds on dead decayed matter while ferns make their own food

54a) Nail 2

b) Grease will prevent water and oxygen from reaching nail 3

c) To prevent rusting

d) Nail 1 and 3

55a) All animals in A reproduce by laying eggs

b) Mammals//mammalia

c) Both a tilapia and a whale are aquatic animals//Both live in water

d) Both have a back bone//both are vertebrates//both have sexual reproduction