

**SETH ANANDRAM JAIPURIA SCHOOL**  
**VASUNDHARA, GHAZIABAD**  
**SESSION 2017 – 18**  
**CLASS VI-VIII**  
**PRACTICE WORKSHEET**

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Q1. Shale gas is a natural gas that is trapped within shale formations. What type of rock is shale?

- a) Metamorphic                      b) Igneous                      c) Basaltic                      d) Sedimentary

Q2. What does petroleum literally means?

- a) Rock oil                      b) Wax                      c) Grease                      d) None of these

Q3. Which of the following was the first disease for which vaccine was developed?

- a) Polio                      b) Influenza                      c) Small pox                      d) Chicken pox

Q4. How long does it take for sunlight to reach the earth?

- a) 7 min                      b) 8 min                      c) 8min 20 sec                      d) 9min

Q5. The Richter scale is used to measure the intensity of earthquakes. What is the Fujita scale used to rate?

- a) Cyclone                      b) Tornado                      C) Volcanic eruption                      d) Tsunami

Q6. Which country set a new world record for wind production in 2014, receiving approximately 40% of its overall electricity from a clean energy source?

- a) Denmark                      b) Holland                      c) Norway                      d) Sweden

Q7. Where is the world's largest fuel cell plant, a 59 MW facility which provides both power and heat to homes, located?

- a) Berlin, Germany                      b) Fukuoka, Japan  
c) Reykjavik, Iceland                      d) Hwasung, S.Korea

Q8. Which of the famous scientist successfully proved that plants respond to touch and external stimuli?

- a) Dr MS Swaminathan                      b) Srinivasa Ramanujan

c) C V Raman

d) Jagdish C. Bose

Q9. Which is the largest river island in the world?

a) Lakshadweep

b) Havelock

c) Elephant Island

d) Majuli

Q10. Diarrhea is a disease which has claimed the lives of millions of children between 0-5 years across the world. How does it spread?

a) Through mosquito bites

b) Through consumption of unclean water

b) Through viral infection

d) Through genetic disorders

Q11. How many times a glass be recycled?

a) 20

b) 40

c) 80

d) Infinitely

Q12. Russell's Viper is a

a) Snake

b) Bird

c) Frog

d) Insect

Q13. Project Tiger , launched in India in the year 1973, witnessed the setting up of several tiger sanctuaries all over the country. Which prime minister of India introduced this project?

a) Indira Gandhi

b) Manmohan Singh

c) Morarji Desai

d) Atal Bihari Vajpayee

Q14. The atmosphere protects the Earth like a blanket, by not allowing the Earth to heat up or cool down very quickly. Which of the following statements are true?

a) Does not allow sudden increase in day temperature

b) Fairly maintains the average temperature of Earth

c) Functions as a bad conductor of heat

d) All of the above

Q15. The cotton fibres are made up of

a) Protein

b) Starch

c) Fat

d) Cellulose

Q16. Which of the following countries was declared polio-free in March 2014 by the world Health Organization?

a) India

b) Pakistan

c) Afghanistan

d) Nigeria

Q17. The coal is primarily made up of

- a) Hydrogen                      b) Helium                      c) Carbon                      d) Sodium

Q18. Which is the hottest and saltiest sea in the world?

- a) Arabian Sea                      b) Mediterranean Sea                      c) Red Sea                      d) Dead Sea

Q19. Which architectural masterpiece of the Mughal period in India was supposedly affected by acid rain?

- a) Taj Mahal                      b) Colosseum                      c) Pyramid of Giza                      d) Pantheon

Q20. What are the useful substances that are obtained from petroleum and natural gas specifically called?

- a) Petrochemicals                      b) Minerals                      c) Alloys                      d) None of these

Q21. What are gold, silver and quartz?

- a) Rocks                      b) Minerals                      c) Boulders                      d) All of these

Q22. Which gas does natural gas primarily consist of?

- a) Methane                      b) Nitrogen                      c) Oxygen                      d) Carbondioxide

Q23. The liquid rock that flows out of a volcano glows red hot to white hot. What is it called?

- a) Magma                      b) Lava                      c) Magnemite                      d) Pumice

Q24. Microorganisms which promotes the formation of curd?

- a) Lactobacillus                      b) Rhizobium                      c) Apergillus                      d) Penicillium

Q25. Burning plastics emit a harmful gas that is carcinogenic in nature. The gas is

- a) Dioxin                      b) Roboxin                      c) Geneoxin                      d) None

Q26. Which of the following takes the maximum amount of time to degrade?

- a) Banana peels                      b) Plastic bags                      c) Newspapers                      d) Styrofoam

Q27. Name the only continent which doesn't have desert.

- a) Asia                      b) North America                      c) Antarctica                      d) Europe

Q28. Coral reefs are mainly distributed globally in:

- a) Temperate waters      b) Tropical waters      c) Antarctic waters      d) Arctic waters

Q29. Mangroves are –

- a) Animals      b) Plants      c) Fungus      d) Bacteria

Q30. Consider the following facts about ozone and choose code given below:

I. Ozone, a tri-atomic molecule of oxygen is formed from oxygen naturally in the upper levels of earth's atmosphere by high energy UV radiation from the sun.

II. About 90% of ozone lies between 10 and 50 Kms above the earth's surface

III. Ozone layer absorbs all the harmful UV-B radiation emanating from the sun

Choose the correct answer-

- a) Only I is correct      b) Only II is correct  
c) II & III are correct      d) I, II, III are correct

Q31. Indoor air pollution kills around four million people all over the world year. This is more than the deaths caused by malaria and AIDS combined. Use of which of the following modes for cooking leads majority to indoor pollution?

- a) Biogas      b) Fire wood      c) LPG      d) Solar cooker

Q32. Which aquatic mammal has been named as the national aquatic animal of India?

- a) River dolphin      b) Hippopotamus  
c) Rhinoceros      d) Smooth-coated otter

Q33. Loss in level of ground water is due to overuse of water from:

- a) Bore wells      b) Hand pumps      c) Tube wells      d) All of the above

Q34. Under classification of municipal solid waste, which of the following set of items are not included?

- a) Tin, metal, plastic      b) Glass      c) Syringe, bandage      d) Paper, plastic

Q35. Mariana trench is a deepest trench known in the Earth's seabed. In which ocean is it situated?

- a) Pacific Ocean      b) Arctic Ocean      c) Indian Ocean      d) Atlantic Ocean

Q36. Petiole, Lamina and veins are part of which living organism?

- a) Tree bark                      b) Plant leaf                      c) Animal Skin                      d) Human eye

Q37. Tropical rain forest is called jewels of the earth. What is the science of accessing tropical forest canopy using airships or similar aerjal platforms called?

- a) Dendronautics                      b) Aeronautics                      c) Autonautics                      d) Bimconautics

Q38. The river Ganga, originating from Gangotri, flows into several states if India. In which of the following states does it flow?

- a) U.P                                      b) Bihar                                      c) West Bengal                      d) Delhi

Q39. What is the name given to the diversion channels in the Western Himalayas?

- a) Guls/Kuls                      b) Khadins                      c) Johadas                      d) Phalodi

Q40. Which tragic disaster led to the abandoning of plans to use space as a dumping ground for nuclear waste?

- a) The challenger crash                      b) The Great crash  
c)The Dump test                      d) None of the above

Q41. Originally, the watershed of this river was populated by the pygmy people. It is the deepest river with measured depths and the third-largest in the world by volume of water discharged. Name this river.

- a) Nile                                      b) Congo                                      c) Parana                                      d) Amazon

Q41. The \_\_\_\_\_ is rocky outer layer of the earth.

- a) Lithosphere                      b) Atmosphere                      c) Ionosphere                      d) Radosphere

Q42. The Kaziranga National Park in Assam is a natural habitat of \_\_\_\_\_

- a) Lions                                      b) Tigers                                      c) Rhinoceros                      d) Gharial

Q43. Plants have an incredible ability to adapt to different environmental conditions. In places where soil lacks nutrient, plants have evolved mechanisms for trapping and digesting insects in order to get the nutrients they need. An example of such a plant is

- a) Cacti                                      b) Butterfly trap                      c) Venus flytrap                      d) Insect fly trap

Q44. The \_\_\_\_\_ layer protects the earth from harmful sun rays.

- a) Carbondioxide      b) Ozone      c) Halon      d) Hydrogen

Q45. DFO stands for

- a) District forest officer      b) Dynamic forest officer  
c) District field officer      d) Divisional forest officer

Q46. A food chain comprises of the following tropic levels. which tropic level is most vulnerable to extinction?

- a) Producers      b) Decomposers  
c) Secondary consumer level      d) Tertiary consumer level

Q47. 'Energy flows' in ecology refer to the flow of energy in a food chain. In an ecosystem, 'energy flows' are

- a) Unidirectional      b) Bidirectional  
c) Multidirectional      d) None of these

Q48. What is the cut-off lake formed by a river entering a plain known as?

- a) Oxbow lake      b) Delta      c) Canal      d) Basin

Q49. At what degree of temperature do both the scales Fahrenheit and Celsius have the same value?

- a) 98      b) -40      c) -98      d) 100

Q50. Bats are nocturnal creatures. To enable them to hunt in the dark, most bat species have developed a remarkable navigation system using their calls to locate and detect the prey. What is this system called?

- a) Echolocation      b) Biolocation  
b) Spectrum      d) Pitch location