

Name: _____ Admission No: _____

Section: _____

Over writing lead to the cancelation of the question. No tampering with the question paper will be entertained.

Time: 30 minutes

Total marks-20

Question	Marks
1. The astronomical distance of Saturn is <u>9.5</u> AU. (only numerical value)	1
2. If the 10 th planet exists in our solar system, then the astronomical distance of the 10 th planet will be <u>154</u> AU. (only numerical value)	3
3. Catastrophic hypotheses advocate that stars must have planets. Yes/ No	1
4. Beta Pectoris disk support Dualistic Hypothesis . Yes/ No	1
5. The term Meteor applicable when small rock fall on the earth surface True/ False	1
6. Name of the astoroid belt close to the earth <u>Kuiper/ 51 & 52 first blank</u>	2
7. Lehman discontinuity separate Lower Mqantle and Outer Core surface True/ False	1
8. In the given options, the most appropriate example for divergent movement of the plate is found a) at the Subduction zone b) near Mid oceanic ridge c) near Mid oceanic ridge and along the transform fault d) None	1
9. Which of the following statement is true? a) When two oceanic crust converges toward each other, the older crust will subduct beneath the relatively younger crust. b) When two oceanic crust diverges away, the older crust will subduct beneath the younger crust. c) When a continental crust and an oceanic crust move towards each other, the continental crust will subduct beneath the heavier oceanic crust. d) When a continental crust and an oceanic crust move towards each other, the continental crust will subduct beneath the lighter oceanic crust.	1
10. In the given option, which igneous rock represents the maximum grain size? a) Extrusive (b) Intrusive (c) Volcanic (d) Conglomerate	1
11. Choose the most appropriate answer. Magma with higher viscosity will form a) Dyke and Sill (b) Dyke and Laccolith (c) Laccolith (d) Sill	1
12. Which of the following is generally fed from deeper level volcanoes? a) Stock (b) Sill (c) Dyke (d) The question is wrong	1

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13. Which of the following is most likely to be made up of viscous magma? a) Volcanic dome (b) Shield volcano (c) Sill (d) Dyke	1
14. Choose the most appropriate option. Which of the following tectonic boundary does not experience high intensity earthquake a) Boundary along Transform fault b) Boundary along Subduction zone c) Boundary along mid oceanic ridge d) Boundary along both subduction zone and transform fault	1
15. Choose the most appropriate answer. Youngest sea floor is found- a) Near the mid oceanic ridge b) Away from the mid oceanic ridge c) Ocean-continent collision zone d) Continent-continent collision zone	1
16. Which part of the earth makes the tectonic plates- a) The crust only b) The mantle only c) The crust and the ductile part of mantle d) The crust and the brittle part of mantle	1
17. What kind of plate boundary is seen in Iceland ó a) Boundary related to mid oceanic ridge b) Boundary related to convergence of two oceanic plate c) Boundary related to convergence of two continental plate d) Boundary related to convergence of oceanic plate and continental plate	1