

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO

TEST BOOKLET

DAY - 5: PHYSICAL GEOGRAPHY

TEST - 5

Time Allowed: 1/2 Hours

Maximum Marks: 60

: INSTRUCTIONS TO CANDIDATES:

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET OF THE SAME SERIES ISSUED TO YOU.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES A, B, C OR D, AS THE CASE MAY BE IN THE APPROPRIATE PLACES IN THE ANSWER SHEET USING BALL POINT PEN (BLUE OR BLACK).
3. You have to enter your ROLL No. on the test booklet in the box provided alongside. DO NOT write anything else on the Test Booklet.
4. YOU ARE REQUIRED TO FILL UP AND DRIVEN ROLL NO., TEST BOOKLET/ QUESTION BOOKLET SERIES IN THE ANSWER SHEETS AS WELL AS FILL UP TEST BOOKLET/ QUESTION BOOKLET SERIES AND SERIAL NO. AND ANSWER SHEET SERIAL NO. IN THE ATTENDANCE SHEETS CAREFULLY. WRONGLY FILLED UP ANSWER SHEETS ARE LIABLE FOR REJECTION AT THE RISK OF THE CANDIDATE.
5. This test booklet contains 30 items (questions). Each question comprises four responses. You have to select the correct response which you want to mark on the answer sheet. In case, you feel that there is more than one correct response, you should mark the response which you consider to be the best. In any case choose ONLY ONE response for each item.
6. You have to mark all your responses ONLY on the separate Answer Sheet provided by using POINT PEN (BLUE or BLACK). See instructions in the Answer Sheet.
7. (i) All items carry equal marks. All items are compulsory. Your total marks will depend only on the number of correct responses marked by you in the Answer sheet.
(ii) There will be negative marking for wrong answers. 25 percent of the marks allotted to a particular question will be deducted as negative marking for every wrong response.
(iii) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be the same penalty as above to that item.

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1. Which of the following pairs is most suitable for ascertaining the origin of the rocks?

- a) Colour and Shape
- b) Size and Weight
- c) Density and hardness
- d) Structure and composition

2. The waves that help scientists to understand the internal structure of the Earth are:

- a) Primary waves
- b) Secondary Waves
- c) Surface Waves
- d) Longitudinal waves

3. Which one of the following is related to the origin of fold mountains?

- a) Accreting Plate margin
- b) Consuming Plate margin
- c) Conserving plate margin
- d) Intra plate Zone

4. Granite and Basalt are the examples of which of the following?

- a) Sedimentary rocks
- b) Igneous rocks
- c) Metamorphic rocks
- d) None of the Above

5. Quartzite is metamorphosed from:

- a) Limestone
- b) Obsidian
- c) Sandstone
- d) Shale

6. Gutenberg discontinuity separates:

- a) Crust from the upper mantle
- b) Upper mantle from lower mantle
- c) Lower mantle from outer core
- d) Outer core from inner core

7. Esker is a geomorphic feature developed by:

- a) Mechanical weathering
- b) River action

- c) Glaciofluvial deposits
- d) Aeolian deposits

8. Which one of the following processes is responsible for the weathering of rocks in a Karst region?

- a) Hydrolysis
- b) Carbonation
- c) Oxidation
- d) None of these

9. The unconsolidated rock material deposited by surface wash at the base of a cliff is called:

- a) Alluvium
- b) Colluvium
- c) Moraines
- d) Silt

10. Peneplain is related to:

- a) Wind
- b) Underground water
- c) Glacier
- d) River

11. Thunderstorms are associated with:

- a) Cumulous cloud
- b) Cumulonimbus Cloud
- c) Cirrus Clouds
- d) Stratus clouds

12. Atmospheric layer which reflects radio waves is called:

- a) Exosphere
- b) Ionosphere
- c) Stratosphere
- d) Troposphere

13. In a cyclone in northern hemisphere winds blow:

- a) Anti-clockwise
- b) Clockwise
- c) Straight centre ward
- d) Radially outward

14. Doldrum is characterized by:

- a) Uniform high pressure
- b) Uniform low pressure
- c) High wind velocity
- d) High humidity

15. Because of which of the following factors, clouds do not precipitate in deserts?

- a) Low pressure
- b) Low humidity
- c) High wind velocity
- d) High temperature

16. Which one among the following statements regarding Chinook winds is not correct?

- a) They are local winds
- b) They descend along the Eastern slopes of the rocky mountain in mid-latitudes
- c) They bring lots of rain with them
- d) They benefit agriculture

17. Which one of the following represents a source of atmospheric energy?

- a) Infrared radiation emitted downward from clouds
- b) Visible radiation scattered upward into the space
- c) Latent heat released
- d) Albedo of the Earth and the atmosphere

18. Which one of the following processes is important for the formation of lightning in a developed cloud?

- a) Absorption of solar cosmic rays
- b) Small lapse rate
- c) Strong vertical air current
- d) Heavy rainfall

19. Which one among the following is not an important actor of climate of an area?

- a) Latitude
- b) Longitude

- c) Altitude
- d) Distance from Sea

20. The deepest lake of the world is:

- a) Baikal
- b) Crater
- c) Nyasa
- d) Tanganyika

21. Volcanic eruptions do not occur in the:

- a) Baltic Sea
- b) Black sea
- c) Caribbean Sea
- d) Caspian Sea

22. Which of the following seas has the highest salinity?

- a) Caspian Sea
- b) Mediterranean Sea
- c) Red Sea
- d) Dead sea

23. What is the name of the strait where Ram Setu is situated?

- a) Bering strait
- b) Cook strait
- c) Palk strait
- d) None of the above

24. Which one among the following best explains the reason for the Eastern and Western boundaries of the Pacific Ocean experiencing frequent earthquakes?

- a) There are deep ocean trenches along these margins
- b) High mountain stretches along the continental margins adjacent to this ocean
- c) The currents of the vast Pacific Ocean continue to dash against the continental margins
- d) These margins coincide with the plate margins

25. The term Swash refers to:

- a) Backward movement of sea water at the beach after the breaking of a wave
- b) Oblique movement of sea water at the beach after the breaking of a wave
- c) Forward movement of sea water up the beach after the breaking of a wave
- d) Sideward movement of sea water up the beach after the breaking of a wave

26. The term syzygy is referred to when:

- a) The earth is at Perihelion and the Moon at Perigee
- b) The Earth is at Aphelion and the Moon at Apogee
- c) The Moon and the Sun are at right angles with reference to the earth
- d) The Moon, Sun and the Earth lie along a straight line

27. The Blue moon phenomenon occurs:

- a) When two full moons occur in the same month
- b) When two full moons appear in the same month thrice in a calendar year

- c) When four full moons appear in two consecutive months of the same calendar years
- d) None of the above

28. Which one of the following is the reason due to which the wind in the Southern hemisphere is deflected towards its left?

- a) Difference in the water masses of the northern and southern hemisphere
- b) Temperature and pressure variations
- c) Inclined axis of the earth
- d) Rotation of the Earth

29. The thermal equator is found:

- a) At the equator
- b) South of the geographical equator
- c) North of the geographical equator
- d) At the tropic of cancer

30. Which parts of the Earth's surface experience least variation in the incoming solar radiation throughout the year?

- a) Poles
- b) Equatorial regions
- c) Tropics of Cancer and Capricorn
- d) Arctic and Antarctic circles

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