

COMMON P.G. ENTRANCE TEST-2022 (CPET-2022)

Subject Code : **64**

Test Booklet No.:

Entrance Subject : **Geography**

Hall Ticket No.:

TEST BOOKLET

Time Allowed : **90 Minutes**

Full Marks : **70**

INSTRUCTIONS TO CANDIDATES

1. **Please do not open this Question Booklet until asked to do so.**
2. Check the completeness of the Question Booklet immediately after opening.
3. Enter your **Hall Ticket No.** on the Test Booklet in the box provided alongside. **Do not** write anything else on the Test Booklet.
4. Fill up & darken Hall Ticket No. & Test Booklet No. in the OMR Answer Sheet as well as fill up Test Booklet Serial No. & OMR Answer Sheet Serial No. in the Attendance Sheet carefully. Wrongly filled up OMR Answer Sheets are liable for rejection.
5. Each question has four answer options marked (A), (B), (C) & (D).
6. Answers are to be marked on the Answer Sheet, which is provided separately.
7. Choose the most appropriate answer option and darken the oval completely, corresponding to (A), (B), (C) or (D) against the relevant question number.
8. Use only **Blue/Black Ball Point Pen** to darken the oval for answering.
9. Please do not darken more than one oval against any question, as scanner will read such markings as wrong answer.
10. **Each question carries equal marks. There will be no negative marking for wrong answer.**
11. **Electronic items such as calculator, mobile, etc., are not permitted inside the examination hall.**
12. Don't leave the examination hall until the test is over and permitted by the invigilator.
13. **The candidate is required to handover the original OMR sheet to the invigilator and take the question booklet along with the candidate's copy of OMR sheet after completion of the test.**
14. Sheet for rough work is appended in the Test Booklet at the end.

1. Which of the following is a peninsular river of India?
 - (A) Gandak
 - (B) Kosi
 - (C) Krishna
 - (D) Sutlej

2. Which of the following types of soil are mostly confined to river basins and coastal plains of India?
 - (A) Alluvial soils
 - (B) Black soils
 - (C) Laterite soils
 - (D) Red soils

3. Which of the following groups accounts for over 90 per cent of India's annual coal production?
 - (A) Bihar, Orissa and West Bengal
 - (B) Bihar, Orissa and Madhya Pradesh
 - (C) Orissa, Madhya Pradesh and Tamil Nadu
 - (D) West Bengal, Madhya Pradesh and Tamil Nadu

4. Which of the following important rivers of India does not originate from the Western Ghats?
 - (A) Cauvery
 - (B) Godavari
 - (C) Krishna
 - (D) Mahanadi

5. The oldest mountains in India are
 - (A) Aravalis
 - (B) Vindhya
 - (C) Satpuras
 - (D) Nilgiri hills

6. Which of the following union territories of India has the highest density of population per Sq. km?
- (A) Pondicherry
 - (B) Lakshadweep
 - (C) Delhi
 - (D) Chandigarh
7. Which atomic power station in India is built completely indigenously?
- (A) Kalpakkam
 - (B) Narora
 - (C) Rawat Bhata
 - (D) Tarapore
8. The year _____ is called a Great Divide in the demographic history of India.
- (A) 1901
 - (B) 1921
 - (C) 1941
 - (D) 1951
9. The Radcliffe line is a boundary between
- (A) India and Pakistan
 - (B) India and China
 - (C) India and Myanmar
 - (D) India and Afghanistan
10. Which among the following is/are the major factor/factors responsible for the monsoon type of climate in India?
- I. Location
 - II. Thermal contrast
 - III. Upper air circulation
 - IV. Inter-tropical convergence zone
- (A) I
 - (B) II, III
 - (C) II, III and IV
 - (D) I, II, III and IV

11. The Yarlung Zangbo river, in India, is known as
- (A) Ganga
 - (B) Indus
 - (C) Brahmaputra
 - (D) Mahanadi
12. Which of the following cities has the largest population?
- (A) Chennai
 - (B) Kolkata
 - (C) Hyderabad
 - (D) Mumbai
13. The earth is at the largest distance from the sun (Apehelion) on _____
- (A) June 21st
 - (B) January 3rd
 - (C) July 4th
 - (D) September 23rd
14. The light of Sun takes how much time to reach to Earth
- (A) 8 hours 20 seconds
 - (B) 8 minutes 20 seconds
 - (C) 8 seconds
 - (D) 20 seconds
15. Who proposed Continental drift theory?
- (A) Alfred Wegener
 - (B) Alfred Worwick
 - (C) Alfred Hanks
 - (D) Alfred Mane
16. For a time difference of two hours, the longitudinal distance will be equal to _____.
- (A) 15°
 - (B) 30°
 - (C) 45°
 - (D) 60°

17. When the Moon completely covers the Sun, it is known as?
- (A) The Antumbra
 - (B) The Umbra
 - (C) The Penumbra
 - (D) None of these
18. Which of the following pair is Correct?
- I. Prime Meridian – Longitude
 - II. Tropic of Cancer – Latitude
 - III. Equator – Latitude
- (A) 1 and 2
 - (B) 1 and 3
 - (C) 2 and 3
 - (D) All options are correct
19. The Mohorovicic (Moho) Discontinuity separates
- (A) Outer core and Mantle
 - (B) Inner and Outer core
 - (C) Sima and Nife
 - (D) Crust and Mantle
20. The International Dateline deflects to a side to avoid _____
- (A) Society islands
 - (B) Hawaii
 - (C) Aleutian Islands
 - (D) All the above
21. The process of water getting evaporated from the surface of leaves is known as
- (A) Evaporation
 - (B) Evapo-transpiration
 - (C) Transpiration
 - (D) Transportation

22. Antipodes are _____
- (A) Lines joining places having a time difference of 12 hours
 - (B) Places diametrically opposite on earth's surface
 - (C) Places located at a point where degree of latitude is equal to degree of longitude
 - (D) Lines joining places having the same depths
23. Sandstone is a/ an
- (A) Sedimentary rock
 - (B) Plutonic rock
 - (C) Igneous rock
 - (D) Metamorphic rock
24. Which of the following pairs is wrong?
- (A) Isohyet – Precipitation
 - (B) Isobar – Pressure
 - (C) Isohale – Humidity
 - (D) Isotherm – Temperature
25. The word "Isoneph" represents the lines of equal
- (A) Cloudiness
 - (B) Salinity
 - (C) Rain
 - (D) Pressure
26. The tide at its maximum height is known as _____
- (A) Equinox
 - (B) Neap tide
 - (C) Spring tide
 - (D) Tsunami
27. The phenomenon of an opening occurring in the Earth's surface through which a Jet of hot water and steam is forced out at irregular intervals is called
- (A) Hot spring
 - (B) Geyser
 - (C) Cyclone
 - (D) Volcano

28. The instrument to measure the area on maps is called
- (A) Planimeter
 - (B) Ideograph
 - (C) Pantograph
 - (D) Opisometer
29. The surface of Earth that lies between the Tropic of Cancer and the Tropic of Capricorn is called _____
- (A) North Temperate Zone
 - (B) Frigid Zone
 - (C) South Temperate Zone
 - (D) Torrid Zone
30. Which of the statements given are correct?
1. Coriolis effect is zero at the Equator,
 2. Coriolis effect is more towards the Poles,
 3. Coriolis effects are related to the decreasing rotational velocity with increasing latitudes,
 4. Coriolis effects are related to the increasing rotational velocity with increasing latitudes.
- (A) 1, 2 and 3
 - (B) 1 and 3 only
 - (C) 1, 2 and 4
 - (D) 2 and 4 only
31. The upper part of the mantle upon which the crust of the Earth floats is called _____
- (A) Barysphere
 - (B) Mesosphere
 - (C) Mohorovic discontinuity
 - (D) Asthenosphere
32. The point below the surface where an earthquake originates is called _____.
- (A) Tsunamis
 - (B) Focus
 - (C) Epicentre
 - (D) Eye of the Earthquake

33. Albedo is defined as _____
- (A) UV radiations sent out by the SUN
 - (B) A substance contained in the upper atmospheric layers of the earth which is responsible for the reflection of/a part of solar radiations
 - (C) Celestial bodies in earth's atmosphere which add to the greenhouse effect
 - (D) The amount of insolation reflected back to the space by the top of atmosphere by clouds and ice-covered areas of the Earth's surface.
34. Warm dry winds blowing down the east slopes of Rockies are known as _____
- (A) Mistral
 - (B) Nor' westers
 - (C) Foehn
 - (D) Chinook
35. What is true with regard to Jet Streams?
1. High velocity winds, 2. Blow from west to east,
3. Blow in upper troposphere near the tropopause, 4. Blow in the mesosphere
- (A) 2 and 3
 - (B) 2 and 4
 - (C) 1, 2 and 3
 - (D) 1, 2 and 4
36. The amount of actual water vapour of air is known as _____
- (A) Absolute humidity
 - (B) Dew point
 - (C) Relative humidity
 - (D) Condensation point
37. Which one of the following is the cloud that is dark-grey or black, found at very low height and brings the real rain?
- (A) Altocumulus
 - (B) Cirrus
 - (C) Cirrostratus
 - (D) Nimbostratus

38. Which of the following layers of the Earth's atmosphere provide ideal flying conditions for Jet aircraft?
- (A) Mesosphere
 - (B) Thermosphere
 - (C) Stratosphere
 - (D) Troposphere
39. Doldrums are _____
- (A) High latitudes with heavy snow
 - (B) Equatorial zone with low pressure
 - (C) High pressure areas on mountains
 - (D) Sub-polar zone with high pressure
40. What is the major role of a greenhouse gas that contributes to temperature rise of the Earth's surface?
- (A) Transparent to both incoming sunlight and outgoing infrared radiation
 - (B) Stops both incoming sunlight and outgoing infrared radiation
 - (C) Lets outgoing infrared radiation pass through but stops incoming sunlight
 - (D) Lets incoming sunlight pass through but stops outgoing infrared radiation
41. The instrument used for measuring relative humidity in air is _____
- (A) Hygrometer
 - (B) Hydrograph
 - (C) Pantograph
 - (D) Barograph
42. Which are of the following is wrongly characterised?
- (A) Chinook- Canada – winter – warm
 - (B) Khamsin – Egypt – spring – hot
 - (C) Sirocco – Sahara – spring – hot
 - (D) Mistral – Rhone Valley – summer – cold

43. In the atmosphere of the primitive earth there was no _____
- (A) Oxygen
 - (B) Carbon dioxide
 - (C) Nitrogen
 - (D) Ammonia
44. Beaufort Scale is used to measure _____
- (A) Air pressure
 - (B) Wind velocity
 - (C) Wind direction
 - (D) Humidity
45. Which one of the following is not a landform which results due to rejuvenation of a river?
- (A) Incised meander
 - (B) Knick point
 - (C) Oxbow Lake
 - (D) Rive terrace
46. The Panama Canal links _____
- (A) Mediterranean Sea with Red Sea
 - (B) Atlantic Ocean with Indian Ocean
 - (C) Indian Ocean with Mediterranean Sea
 - (D) Atlantic Ocean with Pacific Ocean
47. The ideal conditions for coral growth are:
- 1. Water temperature around 20°C,
 - 2. Tropical waters (between 30°N and 30°S),
 - 3. Highly saline water,
 - 4. Adequate oxygen
- (A) I II and IV
 - (B) I III and IV
 - (C) I II and III
 - (D) II III and IV

48. When almost all the elevated portions are worn down by river erosion reducing an area to almost a plain region, it is termed as
- (A) Fanplain
 - (B) Panplain
 - (C) Pediplain
 - (D) Peneplain
49. Which of the following is meant by an archipelago?
- (A) Group of Lakes
 - (B) Group of Islands
 - (C) Group of Mountains
 - (D) Group of Plateaus
50. Synclines and anticlines are the terms associated with _____
- (A) Earthquakes
 - (B) Folding
 - (C) Faulting
 - (D) Volcanoes
51. The gentle 'seaward sloping' surface from the coasts is called
- (A) Continental shelf
 - (B) Abyssal plains
 - (C) Continental rise
 - (D) Submarine ridges
52. Which one of the following plate movements is responsible for the formation of midocean ridge?
- (A) Divergent movement
 - (B) Convergent movement
 - (C) Transform fault movement
 - (D) Parallel movement

53. In India, the state with highest density of population is
- (A) Uttar Pradesh
 - (B) Bihar
 - (C) West Bengal
 - (D) Haryana
54. The Growth rate of population means
- (A) Difference between the growth of male and female
 - (B) Difference between the population of urban and rural areas
 - (C) No. of births per thousand persons
 - (D) Difference between birth rate and death rate
55. There is no Scheduled Tribe population in
- (A) Kerala
 - (B) Tamil Nadu
 - (C) Punjab
 - (D) Rajasthan
56. The Indian state with lowest sex ratio is
- (A) Haryana
 - (B) Punjab
 - (C) Uttar Pradesh
 - (D) Arunachal Pradesh
57. **Direction:** Given below are two statements, one labelled as Assertion (A) and other labelled as Reason (R). In the context of these two statements which of the following is correct?
- (A) Both A and R are true and R is the correct explanation of A
 - (B) Both A and R are true; but R is not the correct explanation of A
 - (C) A is true and R is False
 - (D) R is true and A is False

Assertion (A) : Gnomonic Polar Zenithal Projection is mostly used in charts for navigation.

Reason (R) : All great circles appear as straight lines

58. Match List – I with List – II and select the correct answer from the codes given below:

List – I (River)

List – II (Type of Delta)

- | | |
|-----------------|--------------|
| (A) Nile | 1. Estuarine |
| (B) Mississippi | 2. Arcuate |
| (C) Ganga | 3. Bird Foot |
| (D) Tiber | 4. Cuspate |

Codes:

- (A) A-2 B-1 C-3 D-4
(B) A-4 B-2 C-1 D-3
(C) A-1 B-4 C-2 D-3
(D) A-2 B-3 C-1 D-4
59. Which of the following is associated with the issue of control and phasing out of use of Ozone Depleting Substances?
- (A) Kyoto Protocol
(B) Nagoya Protocol
(C) Montreal Protocol
(D) Bretton Woods Conference
60. The most important strategy for the conservation of biodiversity together with traditional human life is the establishment of
- (A) Biosphere Reserve
(B) Botanical Garden
(C) National Parks
(D) Wildlife Sanctuaries
61. Identify the ecosystem in which the pyramid of biomass is inverted
- (A) Pond
(B) Forest
(C) Desert
(D) Grassland

62. A teacher asks students to identify their favourite reality television show. What type of measurement scale do the different television shows make up?
- (A) Nominal
 - (B) Ordinal
 - (C) Interval
 - (D) Ratio
63. In a linear regression equation, $Y=a + bX$, what is the b denote?
- (A) The regression coefficient, the slope of the line.
 - (B) The intercept with the Y-axis.
 - (C) The correlation coefficient, the strength of the line
 - (D) The score on the variable X.
64. Death of a newly born child before reaching one year of age is called as
- (A) Neonatal Mortality
 - (B) Perinatal Mortality
 - (C) Infant Mortality
 - (D) None of the above
65. Remote Sensing techniques make use of the properties of _____ emitted, reflected or diffracted by the sensed objects.
- (A) Electric waves
 - (B) Sound waves
 - (C) Electromagnetic waves
 - (D) Wind waves
66. The median of a frequency distribution is found graphically with the help of
- (A) Histogram
 - (B) Frequency Curve
 - (C) Frequency Polygon
 - (D) Ogive

67. In which district of Odisha Balimela Reservoir is located?
- (A) Sundargarh
 - (B) Khorda
 - (C) Malkangiri
 - (D) Kandhamal
68. According to 2011 Census, which district of Odisha had the minimum literacy rate?
- (A) Khordha
 - (B) Ganjam
 - (C) Nabarangapur
 - (D) Sambalpur
69. Environment presents a range of opportunities and man is free to choose between them. This basic premise in Geography is known as
- (A) Determinism
 - (B) Neo-determinism
 - (C) Possibilism
 - (D) Probabilism
70. Which concept is used by Carl Ritter to refer the cohesion among diverse things?
- (A) Man-land relationship
 - (B) Geopolitics
 - (C) Zusammenhang
 - (D) Interconnections

ROUGH WORK