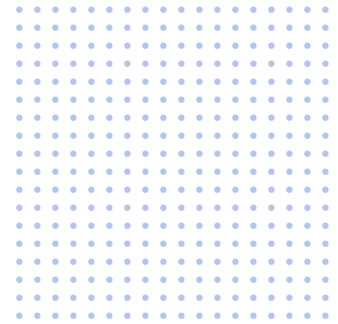




FOR KUET EXAM PREPARATION

KUET 2024 Question Paper · M.Sc. Geography

EXAM	YEAR	TYPE	SUBJECT
KUET	2024	Question Paper	M.Sc. Geography

Sr. No. **441**

ENTRANCE TEST-2024

SCHOOL OF EARTH & ENVIRONMENTAL SCIENCES

GEOGRAPHY

Question Booklet Series

A

Total Questions : 60
Time Allowed : 70 Minutes

Roll No. :

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Instructions for Candidates :

1. Write your Entrance Test Roll Number in the space provided at the top of this page of Question Booklet and fill up the necessary information in the spaces provided on the OMR Answer Sheet.
2. OMR Answer Sheet has an Original Copy and a Candidate's Copy glued beneath it at the top. While making entries in the Original Copy, candidate should ensure that the two copies are aligned properly so that the entries made in the Original Copy against each item are exactly copied in the Candidate's Copy.
3. All entries in the OMR Answer Sheet, including answers to questions, are to be recorded in the Original Copy only.
4. Choose the correct / most appropriate response for each question among the options A, B, C and D and darken the circle of the appropriate response completely. The incomplete darkened circle is not correctly read by the OMR Scanner and no complaint to this effect shall be entertained.
5. Use only blue/black ball point pen to darken the circle of correct/most appropriate response. In no case gel/ink pen or pencil should be used.
6. Do not darken more than one circle of options for any question. A question with more than one darkened response shall be considered wrong.
7. There will be '**Negative Marking**' for wrong answers. Each wrong answer will lead to the deduction of 0.25 marks from the total score of the candidate.
8. Only those candidates who would obtain positive score in Entrance Test Examination shall be eligible for admission.
9. Do not make any stray mark on the OMR sheet.
10. Calculators and mobiles shall not be permitted inside the examination hall.
11. Rough work, if any, should be done on the blank sheets provided with the question booklet.
12. OMR Answer Sheet must be handled carefully and it should not be folded or mutilated in which case it will not be evaluated.
13. Ensure that your OMR Answer Sheet has been signed by the Invigilator and the candidate himself/herself.
14. At the end of the examination, hand over the OMR Answer Sheet to the invigilator who will first tear off the original OMR sheet in presence of the Candidate and hand over the Candidate's Copy to the candidate.

SP-4718-A

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SEAL

1. 'Nature is never more than an adviser' is the essence of :
 - (A) Environmentalism
 - (B) Neo-determinism
 - (C) Possibilism
 - (D) Radicalism
2. 'Principles of Human Geography' was authored by :
 - (A) E. Huntington
 - (B) E.C. Semple
 - (C) F. Ratzel
 - (D) G. Taylor
3. Bushmen live in :
 - (A) Mudhouse
 - (B) Cave
 - (C) Igloo
 - (D) Scherms
4. Which of the following is not a subfield of human geography ?
 - (A) Population Geography
 - (B) Urban Geography
 - (C) Physical Geography
 - (D) Economic Geography
5. Which of the following is unrelated to Plate Tectonics Theory ?
 - (A) Sea Floor Spreading
 - (B) Alfred Wegener
 - (C) Folded Mountains
 - (D) Benioff Zones
6. The principle of continents being in buoyant equilibrium is known as :
 - (A) Isostasy
 - (B) The principle of buoyant equilibrium
 - (C) The elastic rebound theory
 - (D) None of these
7. Lithosphere is composed of :
 - (A) Crust and Mantle
 - (B) Mantle only
 - (C) Crust and Upper Mantle
 - (D) Crust only
8. Which of the following is not considered a characteristic feature of the youthful stage of an ideal normal cycle of erosion ?
 - (A) Natural Levees
 - (B) Potholes
 - (C) River Capture
 - (D) Gorges



9. Mauna Loa is an example of :
- Active volcano
 - Dormant volcano
 - Extinct volcano
 - Plateau
10. Which of the following pairs of landforms are created by glacial erosion ?
- Yardang and Zeugen
 - Loess and Seif
 - Stalactite and Stalagmite
 - Cirque and Hanging Valley
11. Which of the following is not true about weathering ?
- Weathering aids mass wasting and erosion and reduces relief
 - Weathering helps enrich certain minerals like iron and copper ores
 - Weathering of rocks aids soil formation
 - Plants, animals, and microorganisms have no role in weathering
12. Shale is an example of :
- Igneous rock
 - Sedimentary rock
 - Metamorphic rock
 - A mineral
13. Among the following layers of the atmosphere, the minimum temperature in the atmosphere occurs in :
- Tropopause
 - Stratopause
 - Mesopause
 - Thermosphere
14. The process of transfer of energy or heat without the help of any material medium is known as :
- Insolation
 - Radiation
 - Convection
 - Conduction
15. Seasonal contrast in pressure between land and sea gives rise to :
- Land and Sea breezes
 - Westerly winds
 - Trade winds
 - Monsoons
16. The calm area at the centre of the cyclone is referred to as :
- Epicentre
 - Focus
 - Eye
 - Core

17. Which one of the following is not a cold current ?
- Kuroshio Current
 - Humboldt Current
 - Labrador Current
 - California Current
18. High ocean water salinity is observed in :
- Polar region
 - Sub-polar region
 - Sub-tropical region
 - Equatorial region
19. Ninety-East Ridge is found in :
- Indian Ocean
 - Atlantic Ocean
 - Rocky Mountain
 - Andes Mountain
20. Which one of the following regions has the largest coral reefs in India ?
- Lakshadweep
 - Andaman and Nicobar
 - Gulf of Kutch
 - Gulf of Mannar
21. In a population, the rate of addition of new members is higher than the rate of individuals lost. It shows :
- Zero population growth
 - Exponential growth
 - Declined growth
 - None of these
22. Who predicted that 'the population would increase by a geometric progression while food production would increase in arithmetic progression' ?
- Warren Thompson
 - Adolphe Landry
 - Frank W. Notestein
 - Thomas Robert Malthus
23. In India, the human population has a higher number of younger age groups because of :
- Birth rate is equal to death rate
 - Short life span and low birth rate
 - Short life span and high birth rate
 - Long life span and low birth rate
24. Which of the following stages of demographic transition indicate the state of underdevelopment ?
- High stationary stage
 - Early expanding stage
 - Late expanding stage
 - Low stationary stage
25. Mangrove forests are the best example of :
- Ecotone
 - Biome
 - Niche
 - Ecological succession

26. The area in which an organism can live and which affords it relatively favourable conditions for existence is called :
- (A) Society
(B) Environment
(C) Biome
(D) Habitat
27. For the conservation of biological resources in India, The Biological Diversity Act was enacted in :
- (A) 1986
(B) 2002
(C) 2006
(D) 2010
28. Which of the following gases has the highest Global Warming Potential ?
- (A) Carbon monoxide
(B) Carbon dioxide
(C) Chlorofluorocarbons
(D) Methane
29. The River Indus originates from :
- (A) Bara Lapcha La
(B) Near Rohtang Pass
(C) Near Manasarovar Lake
(D) Verinag
30. As per Koppen's Climatic Regions of India, Jammu and Kashmir falls under :
- (A) Cold humid with short summer (Dfc)
(B) Polar (E)
(C) Polar Tundra (ET)
(D) Mountain climate (H)
31. The Tibetan Plateau and its related theory of Monsoon was given by :
- (A) R.L. Singh
(B) Pancheti Koteswaram
(C) Al Masudi
(D) Sir Edmund Halley
32. Alluvial soils are found in India in which of the following regions ?
- (A) Brahmaputra Valley
(B) Karnataka Plateau
(C) Deccan Trap
(D) Jammu and Kashmir
33. "Shree Anna" refers to :
- (A) Rice
(B) Potato
(C) Tapioca
(D) Millets

34. Which of the following industrial regions of India is called as 'Ruhr of India' ?
- (A) Bengaluru-Madurai Industrial Region
(B) Visakhapatnam-Guntur Industrial Region
(C) Ahmedabad-Vadodara Industrial Region
(D) Chotanagpur Industrial Region
35. Which city of India is known as 'Manchester of India' ?
- (A) Surat
(B) Ahmedabad
(C) Srinagar (J&K)
(D) Ludhiana
36. Which one of the following is not correct ?
- (A) White Revolution refers to Dairy Farming
(B) Green Revolution refers to Forestry
(C) Blue Revolution refers to Fishing
(D) Grey Revolution refers to Fertilizers
37. Which of the following places in India does not get the Sun's Vertical rays ?
- (A) Kanyakumari
(B) Bangalore
(C) Nagpur
(D) Srinagar (J&K)
38. Saffron is best cultivated in Karewas soil from the Karewa Formation in Kashmir. The age of the Karewa Formation is :
- (A) Holocene
(B) Plio-Pleistocene
(C) Permian
(D) Silurian
39. The Uri Dam is located on which river in Jammu & Kashmir ?
- (A) Jhelum River
(B) Beas River
(C) Chenab River
(D) Ravi River
40. Which one is the smallest National Park in Jammu and Kashmir ?
- (A) Kishtwar National Park
(B) Hemis National Park
(C) Salim Ali National Park
(D) Dachigam National Park
41. The greatest amount of destruction caused by an earthquake occurs at :
- (A) Zone of subduction
(B) Epicentre
(C) Hypocentre
(D) Hadley's Zone

42. The descent of material down a slope, specifically the hurtling down of a mass compounded with ice and rock, is known as :
- (A) Tsunami
(B) Earthquake
(C) Debris Flow
(D) Avalanche
43. Disaster risk is a function of :
- (A) Hazard
(B) Exposure
(C) Vulnerability
(D) All of these
44. Which one is not a man-made disaster ?
- (A) Hurricanes
(B) Cyberattack
(C) Groundwater Contamination
(D) Chemical Spills
45. The correct order of stages as per Butler's Tourism Area Life Cycle (TALC) model :
- (A) Decline, Consolidation, Involvement, Exploration, Development, Stagnation
(B) Exploration, Involvement, Development, Consolidation, Stagnation, Decline
(C) Development, Consolidation, Exploration, Involvement, Stagnation, Decline
(D) Stagnation, Decline, Consolidation, Exploration, Involvement, Development
46. National Tourism Policy was implemented in the year :
- (A) 2000
(B) 2001
(C) 2002
(D) 2003
47. "Tourism that takes full account of its current and future economic, social and environmental impacts, addressing the needs of visitors, the industry, the environment and host communities" — refers to :
- (A) Ecotourism
(B) Carrying capacity
(C) Responsible travel
(D) Sustainable tourism
48. Which tourist place in Jammu and Kashmir is most famous for Skiing ?
- (A) Gulmarg
(B) Yusmarg
(C) Yumthang
(D) Narkanda
49. A map with a scale of 1:50,000 is enlarged to 5 times; which one of the following scales is correct for the enlarged map ?
- (A) 1:25,000
(B) 1:10,000
(C) 1:100,000
(D) 1:250,000

50. The advance of the Southwest Monsoon is shown on the Map of India using :
- Isochrones
 - Isohyets
 - Isobars
 - Isotachs
51. Which projection system is used by Survey of India Open Series Map (OSM) toposheets ?
- Polyconic
 - Lambert Conformal Conic
 - Bonne's
 - UTM
52. Which of the following cartographic methods is generally used to show population density ?
- Isopleth
 - Choropleth
 - Chorochromatic
 - Dot density
53. In a prismatic compass survey, bearings are measured with reference to :
- Grid North
 - Geographic North
 - Magnetic North
 - Assumed North
54. Which one of the following Indian Remote Sensing satellites provides the highest spatial resolution ?
- Resourcesat
 - Cartosat
 - Oceansat
 - RISAT
55. The main purpose of the overlap of consecutive aerial photo pairs is :
- Tonal clarity
 - Scale determination
 - Stereoscopy
 - Mosaic preparation
56. Which one of the following is not a Global Navigation Satellite System (GNSS) constellation ?
- World View
 - NavIC
 - GPS
 - Galileo
57. Mean, Median, and Mode coincide if the distribution of values is :
- Negatively skewed
 - Positively skewed
 - Normal
 - None of the above

58. The sum of deviations from which of the following measures of central tendency is always zero ?
- (A) Median
 - (B) Mode
 - (C) Mean
 - (D) All of the above
59. Which dataset has a higher relative variability: Dataset P with an Arithmetic Mean of 30 and a Standard Deviation of 5, or Dataset Q with an Arithmetic Mean of 40 and a Standard Deviation of 6 ?
- (A) Dataset P
 - (B) Dataset Q
 - (C) Both have the same relative variability
 - (D) Cannot be determined from the given information
60. If the coefficient of correlation $r_{XY}=0$, then the variables X and Y are :
- (A) Independent
 - (B) Variables are uncorrelated
 - (C) No linear relation between them
 - (D) All of the above