DECEMBER 2019 PAPER 2 UGC NET GEOGRAPHY SOLVED PAPER

Q.1. If two cities with population of 24000 and 6000, respectively are located 18 km apart, the breaking point will lie from the smaller town at a distance of

(1) 3 Km

(2) 4 Km

(3) 5 Km

(4) 6 Km

Answer: 4

Q.2. Which of the following measurements of form factor each correct, as basin area is donated by 'A' and maximum basin length being 'L'?

(1) A/L

(2) A/L^2

(3) $A/\pi L^3$

(4) $A/\pi L^2$

Answer: 2

Q.3. From the given diagram of Multiple Nuclei Model of urban structure devised by C.D Harris and E.L Ullman, identify the urban land use pattern of nuclear centres of 3 and 6?

(1) CBD and residential suburb

(2) Low class residential and heavy manufacturing

(3) Wholesale and light manufacturing and residential suburb

(4) High class residential and outline business district

Answer- 2

Q.4. Which is the correct chronological order of the events pertaining to family welfare programme in India?

(1). Maternal and child health program (MCH), Reproductive and Child Health Programme (RCH), National Rural Health Mission (NRHM), Child Survival and Safe Motherhood Programme (CSSM)

(2). Maternal and child health programme (MCH), child survival and safe motherhood programme (CSSM), reproductive and child health programme (RCH) National rural health mission (NRHM)

(3). Child Survival and Safe Motherhood Programme (CSSM), Reproductive and Child Health Programme (RCH), National Rural Health Mission (NRHM), Maternal and Child Health Programme MCH.

(4). Child Survival and Safe Motherhood Programme (CSSM), National Rural Health Mission (NRHM), Reproductive and Child Health programme (RCH), Maternal and Child Health Programme (MCH).

Answer- 2

Q.5. The given drainage pattern represents, which one of the following?

(1) Parallel

(2) Dendritic

(3) Centripetal

(4) Angular

Answer- 2

Q.6. Which one of the following principles of central place system operates in a region if K= 7, is applicable for spatial organization of settlements?

(1) Market principle

(2) Transport Principle

(3) Administrative Principle

(4) Economic Principle

Answer- 3

Q.7. The Hydraulic Slope Theory was given by

(1) C. Darwin

(2) A. Goudie

(3) R.E Horton

(4) C.A Cotton

Answer- 3

Q.8. The digital image process, which involves algorithms that examine the unknown pixels in the image and aggregate them into a number of classes based on the natural Groupings or cluster present in the image is known as-

(1) Spectral enhancement technique

(2) Supervised classification technique

(3) Unsupervised classification technique

(4) Image transformation technique

Answer- 3

Q.9. Which one of the following is not an advantage for raster data format?

(1) Simple data structure

(2) Easy and efficient overlaying

(3) Compatible with remotely sensed imagery

(4) Application for network analysis

Answer- 4

Q.10. The percentage share of Muslim population to total population in following five state is high as per 2011 census data. Identify the correct descending order of these states in shares of Muslim population?

(1) Uttar Pradesh, Assam, Kerala, West Bengal, Jammu and Kashmir

(2) Jammu and Kashmir, Assam, West Bengal, Kerala, Uttar Pradesh

(3) Jammu and Kashmir, West Bengal, Assam, Kerala, Uttar Pradesh

(4) West Bengal, Assam, Jammu and Kashmir, Kerala, Uttar Pradesh

Answer- 2

Q.11. Match List I with List II

LIst I (Mercalli Scale)

(a) VI strong

(b) VII Destructive

(c) XII Catastrophic

(d) XII Catastrophic

List II (Richter magnitude corresponding to highest intensity reached)

(i) 7 – 7.3

(ii) 4.9 – 5.4

(iii) above 8.1

(iv) 6.2

Choose the correct options from the following:

(1) (a)- (iv), (b)- (iii), (c)-(ii), (d)-(i)

(2) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

(3) (a)-(ii), (b)-(iv), (c)-(i), (d)-(iii)

(4) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)

Answer- 3

Q.12. Which one of the following characteristics is best suited to intensive farming?

(1) Large farm size

(2) Low labour input

(3) High yeild rate

(4) Sparsely populated region

Answer- 3

Q.13. The hypsographic curve illustrated in the following diagram expresses different stages of basin development.

Choose the correct option out of the following for youthful stage of basin development from the above diagram

(1) A

(2) B

(3) C

(4) D

Answer- 1

Q.14. Match the following Indian states (List-I) with their demographic characteristics (List-II).

List-I (State name)

(a) Haryana

(b) Kerala

(c) Mizoram

(d) Uttar Pradesh

List –II (Demographic characteristics)

(i) Largest population size

(ii) Lowest child sex ratio

(iii) Highest sex ratio

(iv) Highest percentage share of urban population.

Choose the correct option from below:

(1) (a)- (i), (b)- (ii), (c)-(iii), (d)-(iv)

(2) (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)

(3) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

(4) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)

Answer- 3

Q.15. During which five-year plan, Government of India adopted regional approach to agricultural planning?

(1) Fifth five year plan

(2) Sixth five year plan

(3) Eighth five-year plan

(4) Tenth five year plan

Answer- 3

Q.16. Which one of the following groups is correct in chronological order of the conferences/ protocols/ agreements on climate change held at global level?

(1) Agenda 21, Kyoto protocol, Paris agreement, The Tenth Conference of Parties (COP-10) of UNFCCC

(2) The Tenth Conference of Parties of UNFCCC (COP-10), Paris Agreement, Kyoto Protocol, Agenda 21

(3) Agenda 21, Kyoto Protocol, The Tenth Conference of Parties (COP-10) of UNFCC, Paris Agreement

(4) Kyoto Protocol, Agenda 21, Paris Agreement, The Tenth Conference of Parties (COP-10) of UNFCC

Answer- 3

Q.17. Which one of the following electromagnetic radiation (EMR) used in remote sensing has the shortest wavelength?

(1) Green,

(2) Red

(3) Blue

(4) Infra Red

Answer- 3

Q.18. Which one of the following description for 'Aw' in Koppen's world climatic classification is correct?

(1) Marine West Coast Climate

(2) Tropical Wet Climate

(3) Tropical Monsoon Climate

(4) Tropical Savana Climate

Answer- 4

Q.19. Match List I with List II

List I (Geological Era)

(a) Neozoic

(b) Mesozoic

(c) Cenozoic

(d) Palaeozoic

List –II (Geological Period)

(i) Jurassic

(ii) Miocene

(iii) Pleistocene

(iv) Silurian

Select the correct answer for the codes given below:

(1) (a)- (i), (b)- (iii), (c)-(iv), (d)-(ii)

(2) (a)-(iv), (b)-(ii), (c)-(iii), (d)-(i)

(3) (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)

(4) (a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)

Answer- 4

Q.20. Given below are two statements- one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): The agropolitan approach to regional development postulated that rural development could be best pursued by linking it to urban development at the local level.

Reason (R): The decentralization, democratization and participation were taken as the key factors in agropolitan approach to regional development.

Select the correct answer from options given below:

(1) Both (A) and (R) are true and (R) is the correct explanation of (A)

(2) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

(3) (A) is true, but (R) is false

(4) (A) is false, but (R) is true

Answer- 2

Q.21. Who is the founder of Possibilism?

(1) G. Carter

(2) L. Febre

(3) W. Bunge

(4) E.C. Semple

Answer- 2

Q.22. In 1687, who was the scientist to give for the first time a rational explanation of tides and tide producing forces of the moon and the sun?

(1) John Dalton

(2) Gregor Mendel

(3) Issac Newton

(4) Albert Einstein

Answer- 3

Q.23. ' Rally for Vally' program in India was organized to highlight the problem of –

(1) Environmental Degradation

(2) Biodiversity

(3) Resettlement of displaced persons

(4) Loss of agricultural land

Answer- 3

Q.24. The resolution, which is related to sensitivity of remote sensing detector to record differences in portions of the electromagnetic spectrum is known as-

(1) Spatial Resolution

(2) Spectral Resolution

(3) Radiometric Resolution

(4) Temporal Resolution

Answer- 2

Q.25. Identity the correct option from the following terms regarding the formation of mid-latitude cyclone.

(a) Pressure gradient zone

(b) Coriolis force

(c) Surface fraction

Options:

(1) (a) only

(2) (b) only

(3) (c) only

(4) (a), (b) and (c)

Answer- 4

Q.26. Who among the following defined geography as a chorological science?

(1) F.Von. Ricthofen

(2) E. Huntington

(3) A.Hettner

(4) F.Ratzel

Answer-3

Q.27. Which of the following is correct sequence from land to sea?

(1) Continental Slope, Sea plain, Ocean deeps, Continental Shelf

(2) Continental Shelf, Continental Slope, Sea Plain, Ocean deeps

(3) Ocean Deeps, Sea plain, continental Slope, Continental Shelf

(4) Sea plain, Ocean deeps, continental Slope, continental Shelf

Answer- 2

Q.28. The 'Doctrine of Uniformitarianism' was postulated by

(1) Cotton

(2) Dutton

(3) Hutton

(4) Dalton

Answer- 3

Q.29. Who says 'geography is a science which deals with the art of map-making?

(1) Erathosthenes

(2) Hipparcus

(3) Hecateus

(4) Ptolemy

Answer- 4

Q.30. Lumbering falls in the category of:

(1) Tertiary Activities

(2) Secondary Activities

(3) Primary Activities

(4) Quarternary activities

Answer- 3

Q.31. Which of the following. Parameters are the basis of 'Fujita Scale' for classifying tornadoes?

(a) Pressure Gradient

(b) Temperature Gradient

(c) Wind speed

(d) Related property damages

Choose the correct option:

(1) (a) and (b)

(2) (b) and (d)

(3) (c) and (d)

(4) (a) and (d)

Answer-3

Q.32. Which of the following does not form an essential part of the process of photosynthesis?

(1) Sunlight

(2) Carbon dioxide

(3) Nitrogen

(4) Water

Answer- 3

Q.33. Who gave the idea that there was an ice age during which most of Northern Europe was covered by Ice Sheets?

(1) W.M Davis

(2) L.Agassiz

(3) W. Penck

(4) A.C Ramsay

Answer- 2

Q.34. Who calculated the circumference of the Earth as 25000 miles?

(1) Thales of Miletus

(2) Poseidonius

(3) Hipparchus

(4) Erathosthenes

Answer- 4

Q.35. which one of the following landmass recorded world's lowest air temperature (- 89°C) on July 21, 1983?

(1) Antarctica

(2) Greenland

(3) Australia

(4) North America

Answer- 1

Q.36. In a distribution function Y (x) of regression model. $Y = a + bx + e$, the error term is defined a $\Sigma e = 0$. Which one of the following equations is correct as Y. $\bar{Y}$ and $\hat{Y}$ denote given value, Mean value and predicted value of dependent variable Y, respectively

(1) $\sum (Y - \bar{Y}) = 0$

(2) $\sum (Y - \bar{Y}) = minimum$

(3) $\sum (Y - \hat{Y}) = 0$

(4) $\sum (Y - \hat{Y}) = minimum$

Answer- 3

Q.37. Coastal and estuary waters are sometimes affected by algal foam and scum, often called

(1) Red tides

(2) Red clay

(3) Red Soil

(4) Red waves

Answer- 1

Q.38. The volcanic deposits on the ocean floor at a depth of 2,500 fathoms or more are known as:

(1) Pelagic Deposits

(2) Red clay

(3) Calcareous ooze

(4) Radiarian Ooze

Answer- 2

Q.39. Given below are two statements- one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): Melting of floating icebergs will have a big impact on sea level

Reason (R): 90% of icebergs sink into sea water.

Select the correct answer from options given below:

(1) Both (A) and (R) are true and (R) is the correct explanation of (A)

(2) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

(3) (A) is true, but (R) is false

(4) (A) is false, but (R) is true

Answer- 4

Q.40. Which one of the following is an essential macro nutrient for plant growth?

(1) Iron

(2) Copper

(3) Potassium

(4) Nickel.

Answer- 3

Q.41. What would be the pattern of distribution of rural settlements in an area if their nearest neighbour statistics works out as 2.10?

(1) Random

(2) Clustered

(3) Agglomerated

(4) Uniform

Answer- 4

Q.42. Who is the founder of the Humanistic School in Geography?

(1) Wolpert

(2) Taun

(3) Kirk

(4) Harvey

Answer- 2

Q.43. 'Ria Coast' is an example of-

(1) Neutral shoreline

(2) Compound shoreline

(3) Submerged upland shoreline

(4) Emerged upland shoreline

Answer- 3

Q.44. Match List I with List II

List I (Isolines/points)

(a) Amphidromic point

(b) Isohaline

(c) Isobel

(d) Isohytes

List -II (Description)

(i) Line of equal stream velocity

(ii) Places of equal rainfall

(iii) Places of equal salinity

(iv) The point of no tide

Choose the correct options from the following:

(1) (a)- (i), (b)- (iii), (c)-(iv), (d)-(ii)

(2) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

(3) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)

(4) (a)-(iv), (b)-(iii), (c)-(i), (d)-(ii)

Answer- 4

Q.45. At which one of the following temperatures is fresh water densest?

(1) 0°C

(2) 4°C

(3) 100°C

(4) – 4°C

Answer- 2

Q.46. Match the scholars (List-I) with the theory/model/concept (List-II) they propounded.

List-I (Scholars)

(a) J Gottman

(b) G.K Zipf

(c) M. Jefferson

(d) E. Burgess

List –II (Theory/Model/Concept)

(i) Rank Size Rule

(ii) Concentric Zone

(iii) Primate city

(iv) Megalopolis

Choose the correct options from below:

(1) (a)- (i), (b)- (ii), (c)-(iii), (d)-(iv)

(2) (a)-(iv), (b)-(i), (c)-(iii), (d)-(ii)

(3) (a)-(iii), (b)-(iv), (c)-(ii), (d)-(i)

(4) (a)-(ii), (b)-(i), (c)-(iv), (d)-(iii)

Answer- 2

Q.47. Schedule Caste (SC) population had a high concentration in following five states of India in 2011. Indentify the correct descending order of SC population size in these states.

(1) Uttar Pradesh, Bihar, West Bengal, Tamil Nadu, Andhra Pradesh

(2) Uttar Pradesh, Tamil Nadu, Andhra Pradesh, Bihar, West Bengal,

(3) Uttar Pradesh, West Bengal, Bihar, Tamil Nadu, Andhra Pradesh

(4) West Bengal, Uttar Pradesh, Andhra Pradesh, Bihar, Tamil Nadu

Answer- 3

Q.48. Who coined the term 'Geopalitik'?

(1) Haushoffer

(2) Kjellen

(3) Hess

(4) Spykman

Answer- 2

Q.49. Given below are two statements. One labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): Frontiers are transitions between geographical regions rather than states

Reason (R): It is a manifestation of centripetal forces.

Select the correct answer from options given below:

(1) Both (A) and (R) are true and (R) is the correct explanation of (A)

(2) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

(3) (A) is true, but (R) is false

(4) (A) is false, but (R) is true

Answer- 3

Q.50. Location of Lancashire cotton textile industry owes to the following favourite factors?

(a) Humid climate and soft water

(b) Banking and financial Services

(c) Abundant coal availability

(d) Position of Liverpool in the Atlantic trade zone

Select the appropriate correct option:

(1) (a), (b) and (c)

(2) (a), (b) and (c)

(3) (a), (c) and (d)

(4) (b) and (c) only

Answer- 3

Q.51. Match the term (List I) used in industrial / manufacturing geography (List -II) with their explanation: (UGC NET DEC 2019)

(List -I) Term

(a) Material Index

(b) Isodapanes

(c) Labour coefficient

(d) Agglomeration

(List -II) (Explanation)

(i) Ratio of Labour cost per unit of product to the locational weight of that unit

(ii) Advantage of production due to concentration of industry

(iii) Weight of localized material and the weight of the product

(iv) Lines of equal transport cost per tonne

Choose the correct option from below:

(1). (a)- (i), (b)- (ii), (c)-(iii), (d)-(iv)

(2). (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)

(3). (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

(4). (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)

Answer: 3

Q.52.Above given figure explains a particular model, choose the correct option from the below

(1) Weberian model

(2) Central Place model

(3) Von thunenian model

(4) Gravity model

Answer- 2

Q.53. The statement "The present is the key to the past" was made by-

(1) W.M Davis

(2) Walther Penck

(3) James Hutton

(4) F. Von Ricthofen

Answer- 3

Q.54. The North-south divison of the world is based on the criterion of

(1) Culture

(2) Latitude

(3) Economic Development

(4) Political Ideology

Answer- 3

Q.55. Given below are two statements. One labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): The animals at the end of the food chain have to roam over large areas to obtain their food.

Reason (R): The quantity of energy increase down the chain away from the plants

Select the correct answer from options given below:

(1) Both (A) and (R) are true and (R) is the correct explanation of (A)

(2) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

(3) (A) is true, but (R) is false

(4) (A) is false, but (R) is true

Answer- 3

Q.56.Which one of the following weather instruments is kept outside the Stevenson screen?

(1) Barometer

(2) Anemometer

(3) Hydrograph

(4) Maximum and minimum thermometers

Answer- 2

Q.57. Which one of the following is the leading cause of animal extinction since 1600 A.D., according to the World Conservation Monitoring Centre (1995)?

(1) Habitat destruction

(2) Species introduction

(3) Hunting

(4) Lumbering

Answer- 2

Q.58. Which of the following statements relating to Ratzel's concept of Lebensraum, is correct?

(a) It is the geographical area within living organisms develop

(b) It is the economic and cultural activity of the people outside their enclosed settled area

(c) It deals with the relation between human society and a spatial organization and it's physical setting.

(d) It is a geographical term which studies space from the view point of state.

Choose the correct option from below:

(1) (a), (b) and (c)

(2) (b) and (c)

(3) (b), (c) and (d)

(4) (a), and (c) only

Answer- 4

Q.59. Who advocated the policy of deliberate unbalanced development?

(1) Gunnar Myrdal

(2) A.O Hirschman

(3) A.G Frank

(4) R. Nurske

Answer- 2

Q.60. Match List I with List-II and select the correct answer from the codes given below:

List I (Author)

(a) John Palhiek

(b) Stephen Trudgill

(c) C.H. Crickmay

(d) Charles Lyell

List-II (Works)

(i) Introduction of coastal geomorphology

(ii) Limestone geomorphology

(iii) The work of the river

(iv) Principles of Geology

Choose the correct options from the following:

(1) (a)- (i), (b)- (ii), (c)-(iii), (d)-(iv)

(2) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

(3) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)

(4) (a)-(ii), (b)-(i), (c)-(iv), (d)-(iii)

Answer- 1

Q.61. In which part of Indian Dandakaranya region is situated?

(1) North-eastern

(2) South-eastern

(3) Central

(4) Northern

Answer- 2

Q.62. Who used the term chorography to describe Geography?

(1) B. Varenius

(2) A. Von Humboldt

(3) E. Kant

(4) C.Ritter

Answer- 3

Q.63. Which one of the following is NOT correctly matched?

(1) Latur – Riverine flooding

(2) Nashri – Landslide

(3) Kandla – Cyclone

(4) Bhuj – Earthquake

Answer- 1

Q.64. If in any region, the largest city has 10,00,000 population, What will be the population size for the 4th largest city, according to the 'rank-size rule'?

(1) 1,00,000

(2) 2,00,000

(3) 2,50,000

(4) 3,50,000

Answer- 3

Q.65. Which one of the following options best describes the world distribution of active volcanoes?

(1) They are found in association with young folded mountain systems.

(2) They occur in river flood plains

(3) They are associated with old eroded mountain chains.

(4) They lead to form chains around ocean basins

Answer- 4

Q.66. Given below are two statements. One labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): Most of the developing countries in the world have progressive population

Reason (R): The developing countries recorded declining fertility rate and high mortality rate.

Select the correct answer from options given below:

(1) Both (A) and (R) are true and (R) is the correct explanation of (A)

(2) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

(3) (A) is true, but (R) is false

(4) (A) is false, but (R) is true

Answer- 3

Q.67. Given below are two statements. One labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): Rayleigh scattering is responsible for the blue colour of sky

Reason (R): Rayleigh scattering occurs, when atmospheric particles have a diameter that are small relative to the wavelength of radiation

Select the correct answer from options given below:

(1) Both (A) and (R) are true and (R) is the correct explanation of (A)

(2) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

(3) (A) is true, but (R) is false

(4) (A) is false, but (R) is true

Answer- 1

Q.68. Which one of the following groups of landforms are erosional features?

(1) Stalagmites, Natural levees, Stacks, Talus

(2) Corrie, Yardang, Gorge, Sinkholes

(3) Natural Bridges, Beaches, Eskers, Star dunes

(4) Flood plain, Morains, Calderas, 'U' shaped Valley

Answer- 2

Q.69. As a reaction to regional development policies of the Government in India, several social movements emerged in different parts of the country. The 'Chipko movement' one of such movements, originated in areas covered under

(1) Desert development programme

(2) Coastal area development programme

(3) Tribal are development programme

(4) Hill area development programme

Answer- 4

Q.70. Match the economy types (List -I) with their characteristics features (List -II)

List -1 (Type of Economy)

(a) Subsistence

(b) Commercial

(c) Intensive subsistence

(d) Extensive subsistence

List –II (Characteristics features)

(i) Market competition as the primary force to shape production pattern

(ii) Self-sufficiency, low production, low density of population

(iii) Self-sufficiency, high production, high density of population

(iv) Little exchange of goods, only the limited need for markets.

Choose the correct options from the following:

(1) (a)- (ii), (b)- (iii), (c)-(i), (d)-(iv)

(2) (a)-(iv), (b)-(i), (c)-(iii), (d)-(ii)

(3) (a)-(iii), (b)-(ii), (c)-(iv), (d)-(i)

(4) (a)-(i), (b)-(iv), (c)-(iii), (d)-(ii).

Answer- 2

Q.71. Which one of the following states recorded the highest percentage share of India a total population as per 2011 census?

(1) West Bengal

(2) Bihar

(3) Uttar Pradesh

(4) Maharashtra

Answer- 3

Q.72. The concept of 'Panplain' was propounded by

(1) Swinerton

(2) Johnson

(3) Davis

(4) Crickmay

Answer- 4

Q.73. Two points A and B are located at the elevation of 250 m and 500 m from mean sea level with a horizontal equivalent of 1000 m between them. Which one of the following values of slope gradient (in tan – value scale) is correct?

(1) 0.20

(2) 0.25

(3) 0.30

(4) 0.40

Answer- 2

Q.74. Which one of the following states recorded the highest percentage of urban population within them as per 2011 census?

(1) Madhya Pradesh

(2) Haryana

(3) Bihar

(4) Uttar Pradesh

Answer- 2

Q.75. Which of the following statements are correct regarding the definition of 'census towns' formulated by the Census of India?

(a) 75 percent of total working population should be engaged in agricultural activities

(b) Minimum population szie is 5,000 persons

(c) 75 percent of total males of main working population should be engaged in non-agricultural activities

(d) Maximum population density is 400 persons per square kilometre

Select the correct option:

(1) (a) and (c)

(2) (b) and (c)

(3) (b) and (d)

(4) (a) and (d)

Answer- 2

Q.76. The rigid masses surrounding the geosyncline were termed by Kober as-

(1) Kratogen

(2) Primarumph

(3) Endrumph

(4) Monadnock

Answer- 1

Q.77. Who for the first time emphasized the importance of mental map of environment in decision making process?

(1) D.Wood

(2) S.J Gould

(3) D. Woodward

(4) K. Lynch

Answer- 2

Q.78. During the winter season, the north-western part of India gets rainfall from

(1) Thunderstorm

(2) Retreating monsoons

(3) Western disturbances

(4) Tropical Cyclones

Answer- 3

Q.79. In the regression model $(y = a + bx)$ where $\overline{x} = 2.50$, $\overline{y} = 5.50$ and $a = 1.50$ ($\overline{x}$ and $\overline{y}$ denote mean of variables x and y and a is a constant), which one of the following values of parameter 'b' of the model is correct? (NTA UGC NET DEC 2019)

(1) 1.75

(2) 1.60

(3) 2.00

(4) 2.50

Answer- 2

Q.80. Given below are two statements. One labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): Losch believed that price increase is the result of transport cost and by rotating the demand curve around the production point 'P', the shape of the market area is seen to be circular

Reason (R): Losch treated each function having a separate range, threshold and hexagonal hinterland.

Select the correct answer from options given below:

(1) Both (A) and (R) are true and (R) is the correct explanation of (A)

(2) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

(3) (A) is true, but (R) is false

(4) (A) is false, but (R) is true

Answer- 2

Q.81. Who described 'quantitative revolution' as a radical transformation of the spirit and purpose of Geography?

(1) I. Burton

(2) P. Haggett

(3) R.Chorley

(4) O.H.K spate

Answer- 1

Q.82. How is stratified sampling carried out?

(1) Divide the population into homogeneous groups and select equally but randomly

(2) Assign numbers to the population by selecting the numbers

(3) Divide the population itself into random groups and select equally from each group

(4) Made sample of elements which are randomly selected from the population

Answer- 1

Q.83. Arrange the following methods of delineating crop combination regions in order of their appearance:

(a) Doi's method

(b) Rafiullah's method

(c) Weaver's method

(d) Coppock's method

Choose the code from below:

(1) (a), (b), (c), (d)

(2) (b), (c), (d), (a)

(3) (c), (b), (a), (d)

(4) (d), (c), (b), (a)

Answer- 3

Q.84. The 'Organic Theory of State' was propounded by-

(1) Bowman

(2) Haushoffer

(3) Mackinder

(4) Ratzel

Answer- 4

Q.85. Two cycle theory regarding the 'origin of Limestone caves' was propounded by-

(1) Swinerton

(2) Gardner

(3) W.M Davis

(4) Malott

Answer- 3

Q.86. Which one of the following decreasing order of altitude (from NE to SW) of mountain ranges in Jammu & Kashmir state is correct?

(1) Laddakh, Pir Panjal, Zanskar, Shiwalik

(2) Pir Panjal, Laddakh, Zanskar, Shiwalik

(3) Laddakh, Zanskar, Pir Panjal, Shiwalik

(4) Laddakh, Shiwalik, Zanskar, Pir Panjal

Answer- 3

Q.87. Which one of the following sequences of decreasing average annual rainfall is correct?

(1) Uttar Pradesh, Bihar, Haryana, Assam

(2) Assam, Bihar, Uttar Pradesh, Haryana

(3) Haryana, Uttar Pradesh, Bihar, Assam

(4) Assam, Bihar, Haryana, Uttar Pradesh

Answer- 2

Q.88. Boundaries between India and Pakistan and India and Bangladesh belong to which one of the following types?

(1) Antecedent Boundaries

(2) Subsequent Boundaries

(3) Superimposed Boundaries

(4) Relict Boundaries

Answer- 2

Q.89. In the process of erosion, the removal of materials by solution is called

(1) Corrasion

(2) Attrition

(3) Corrosion

(4) Sapping

Answer- 3

Q.90. Which one of the following statements is true?

(1) Arctic snow covered areas have intermediate ecological productivity

(2) Temperature is the limiting factor for desert areas in relation to ecological productivity

(3) The primary productivity of a natural ecosystem largely depends on the amount of solar radiation

(4) The herbivores are called as secondary consumers

Answer- 2

Read the passage and answer question that follow.

Question no 91 to 95

In the analysis of factors affecting demand and revenue. Smith confirmed to the deviation of total sales and revenue for a single firm at a given location. "But the volume of the demand cone and hence the total revenue obtainable can vary among possible locations in accordance with variations in any of the cost and demand conditions involved. In real world it is unlikely that population density, production costs, transport rates, demand functions and the like will remain fixed over anything other than a very small area…. It is important to add to the general locational principles…. Changes in the variables affecting cost and revenue will bring about changes in the prevailing cost/revenue situation, and thus changes in the comparative economic advantage of alternative locations.

Q.91. Which one of the following trend of delivered costs (Plant cost plus supply cost) with reference to demanded quantity within market area is correct?

(1) Increasing

(2) Decreasing

(3) Constant

(4) Irregular

Answer- 2

Q.92. Which one of the following relationship between cost and revenue of a firm within market area is correct?

(1) Highly positive

(2) Positive

(3) Negative

(4) No relationship

Answer- 3

Q.93. Which one of the following variable influencing industry/firm is correct for the change in cost of a firm to supply goods to its market area in spatial perspective?

(1) Climate change

(2) Change in management of firm

(3) Change in machine costs

(4) Change jn transport costs

Answer- 4

Q.94. Which one of the following locational decision of a firm, to take comparative advantage within market area, is correct when prices of goods produced by the firm increase?

(1) No-machine cost change

(2) No-location change

(3) Search for alternative location

(4) Search for alternative inputs

Answer- 3

Q.95. Which one of the following statements is correct for sale of goods within market area in a region?

(1) Sale is the function of household demand

(2) Sale is the function of household income

(3) Sale is the function of household investment

(4) Sale is the function of household consumption

Answer- 1

Comprehension:

Read the passage below and answer questions that follow.

(Question no 96-100)

"A powerful manifestation of the earth atmosphere energy budget and moisture system is the tropical cyclone. Which originates entirely with in tropical air masses. The tropics extends from the Tropic of Cancer at 23.5°N, to the Tropic of Capricorn at 23.5°S containing the equitorial zone between 10°N and 10°S. Approximately 80 tropical cyclones occur annually world wide. Some are powerful enough to be classified as hurricanes and typhoons. Cyclonic systems forming in the tropics are quite different from mid latitude cyclone because the air of the tropics is essentially homogeneous, with no fronts or conflicting air masses. Tropical depression intensity into tropical storms as they cross the Atlantic. A rule of thumb has emerged. If they mature early along their track, they tend to curve northward towards the North Atlantic and miss the United States. The critical position is approximately 40° W longitudes. Officially, tropical cyclone season is from June 1 to November 30 each year".

Q.96. The tropical depression gets intensifies into tropical storms after crossing-

(1) Greenland

(2) Arctic Ocean

(3) Atlantic Ocean

(4) Pacific Ocean

Answer- 3

Q.97. Which of the following statements are correct?

(a) There are numerous forms of tropical cut which vary in shape, size, velocity and weather conditions

(b) Tropical cyclone become more vigorous and move with very high velocity over the oveans.

(c) The centre of the cyclone is characterized by extremely high pressure

(d) The tracks of tropical Cyclones are similar in different parts

Select the correct answer from options given below:

(1) (a), (b) and (d)

(2) Only (a)

(3) (a) and (b)

(4) (a), (b) and (c)

Answer- 3

Q.98. Typically, the maximum number of tropical Cyclones annually occur during-

(1) June 5 – November 25

(2) July 1 – November 30

(3) June 29 – December 5

(4) June 1 – November 30

Answer- 4

Q.99. From which of the following longitudes, the tropical storms tend to curve northward toward the North Atlantic, mission the United States?

(1) 10° W

(2) 20° W

(3) 30° W

(4) 40° W

Answer- 4

Q.100. Which of the following statements is not true for tropical cyclones?

(a) The tropical Cyclones move from East to West direction under the influence of trade winds.

(b) Tropical cyclones are not a disastrous hazard in tropical region

(c) Tropical cyclone usually develop in the vicinity of ITCZ

(d) Tropical Cyclones become weak and feeble while moving over the land areas.

Options

(1) (a) and (b)

(2) Only (b)

(3) (a) and (d)

(4) Only (d)

Answer- 2