

SUBJECT CODE	SUBJECT	PAPER
A-01-03	GEOGRAPHY	III
HALL TICKET NUMBER		QUESTION BOOKLET NUMBER
OMR SHEET NUMBER		
DURATION	MAXIMUM MARKS	NUMBER OF PAGES
2 HOUR 30 MINUTES	150	16
		NUMBER OF QUESTIONS
		75

This is to certify that, the entries made in the above portion are correctly written and verified.

Candidates Signature

Name and Signature of Invigilator

Instructions for the Candidates

అభ్యర్థులకు సూచనలు

- Write your Hall Ticket Number in the space provided on the top of this page.
- This paper consists of seventy five multiple-choice type of questions.
- At the commencement of examination, the question booklet will be given to you. In the first 5 minutes, you are requested **to open the booklet and compulsorily examine it as below** :
 - To have access to the Question Booklet, tear off the paper seal on the edge of this cover page. Do not accept a booklet without sticker-seal and do not accept an open booklet.
 - Tally the number of pages and number of questions in the booklet with the information printed on the cover page. Faulty booklets due to pages/questions missing or duplicate or not in serial order or any other discrepancy should be got replaced immediately by a correct booklet from the invigilator within the period of 5 minutes. Afterwards, neither the Question Booklet will be replaced nor any extra time will be given.**
 - After this verification is over, the Test Booklet Number should be entered in the OMR Sheet and the OMR Sheet Number should be entered on this Test Booklet.
- Each item has four alternative responses marked (A), (B), (C) and (D). You have to darken the circle as indicated below on the correct response against each item.
Example: (A) (B) (C) (D)
 where (C) is the correct response.
- Your responses to the items are to be indicated in the **OMR Answer Sheet given to you**. If you mark at any place other than in the circle in the Answer Sheet, it will not be evaluated.
- Read instructions given inside carefully.
- Rough Work is to be done in the end of this booklet.
- If you write your name or put any mark on any part of the OMR Answer Sheet, except for the space allotted for the relevant entries, which may disclose your identity, you will render yourself liable to disqualification.
- The candidate must handover the OMR Answer Sheet to the invigilators at the end of the examination compulsorily** and must not carry it with you outside the Examination Hall. The candidate is allowed to take away the carbon copy of OMR Sheet and used Question paper booklet at the end of the examination.
- Use only Blue/Black Ball point pen.**
- Use of any calculator or log table etc., is prohibited.**
- There is no negative marks for incorrect answers.**

- ఈ పుట పై భాగంలో ఇవ్వబడిన స్థలంలో మీ హాల్ టికెట్ నంబరు రాయండి.
- ఈ ప్రశ్న పత్రము డెభైతరదు బహుళైచ్ఛిక ప్రశ్నలను కలిగి ఉంది.
- పరీక్ష ప్రారంభమున ఈ ప్రశ్నాపత్రము మీకు ఇవ్వబడుతుంది. మొదటి ఐదు నిమిషములలో ఈ ప్రశ్నాపత్రమును తెరిచి కింద తెలిపిన అంశాలను తప్పనిసరిగా సరిచూసుకోండి.
 - ఈ ప్రశ్న పత్రమును చూడడానికి కుర్రపేజీ అంచును ఉన్న కాగితపు సీలును చించండి. స్టిక్కర్ సీలులేని మరియు ఇదివరకే తెరిచి ఉన్న ప్రశ్నాపత్రమును మీరు అంగీకరించవద్దు.
 - కవరు పేజీ పై ముద్రించిన సమాచారం ప్రకారం ఈ ప్రశ్నపత్రములోని పేజీల సంఖ్యను మరియు ప్రశ్నల సంఖ్యను సరిచూసుకోండి. పేజీల సంఖ్యకు సంబంధించి గానీ లేదా సూచించిన సంఖ్యలో ప్రశ్నలు లేకపోవుట లేదా నిజప్రతి కాకపోవుట లేదా ప్రశ్నలు క్రమపద్ధతిలో లేకపోవుట లేదా ఏదైనా తేడాలు ఉంటుంటే వంటి దోషపూరితమైన ప్రశ్న పత్రాన్ని వెంటనే మొదటి ఐదు నిమిషాల్లో పరీక్షా పర్యవేక్షకునికి తెలిగి ఇచ్చివేసి దానికి బదులుగా సరిగ్గా ఉన్న ప్రశ్నపత్రాన్ని తీసుకోండి. తదనంతరం ప్రశ్నపత్రము మార్చబడదు అడనపు సమయం ఇవ్వబడదు.
 - పై విధంగా సరిచూసుకొన్న తర్వాత ప్రశ్నాపత్రం సంఖ్యను OMR పత్రము పై అదేవిధంగా OMR పత్రము సంఖ్యను ఈ ప్రశ్నాపత్రము పై నిర్దిష్టస్థలంలో రాయవలెను.
- ప్రతి ప్రశ్నకు నాలుగు ప్రత్యామ్నాయ ప్రతిస్పందనలు (A), (B), (C) మరియు (D) లుగా ఇవ్వబడ్డాయి. ప్రతి ప్రశ్నకు సరైన ప్రతిస్పందనను ఎన్నుకొని కింద తెలిపిన విధంగా OMR పత్రములో ప్రతి ప్రశ్నా సంఖ్యకు ఇవ్వబడిన నాలుగు వృత్తాల్లో సరైన ప్రతిస్పందనను సూచించే వృత్తాన్ని బాల్ పాయింట్ పెన్ తో కింద తెలిపిన విధంగా పూరించాలి.
ఉదాహరణ : (A) (B) (C) (D)
 (C) సరైన ప్రతిస్పందన అయితే
- ప్రశ్నలకు ప్రతిస్పందనలను ఈ ప్రశ్నపత్రములో ఇవ్వబడిన OMR పత్రము పైని ఇవ్వబడిన వృత్తాల్లోనే పూరించి గుర్తించాలి. అలాకాక సమాధాన పత్రంపై వేరొక చోట గుర్తిస్తే మీ ప్రతిస్పందన మూల్యాంకనం చేయబడదు.
- ప్రశ్న పత్రము లోపల ఇచ్చిన సూచనలను జాగ్రత్తగా చదవండి.
- చిత్తుపనిని ప్రశ్నపత్రము చివర ఇచ్చిన ఖాళీస్థలములో చేయాలి.
- OMR పత్రము పై నిర్దిష్ట స్థలంలో సూచించవలసిన వివరాలు తప్పించి ఇతర స్థలంలో మీ గుర్తింపును తెలిపే విధంగా మీ పేరు రాయడం గానీ లేదా ఇతర చిహ్నాలను పెట్టడం గానీ చేసినట్లయితే మీ అనర్హతకు మీరే బాధ్యులవుతారు.
- పరీక్ష పూర్తయిన తర్వాత మీ OMR పత్రాన్ని తప్పనిసరిగా పరీక్ష పర్యవేక్షకుడికి ఇవ్వాలి. వాటిని పరీక్ష గది బయటకు తీసుకువెళ్ళకూడదు. పరీక్ష పూర్తయిన తరువాత అభ్యర్థులు ప్రశ్న పత్రాన్ని OMR పత్రం యొక్క కార్బన్ కాపీని తీసుకువెళ్ళవచ్చు.
- సీల్/పల్ల రంగు బాల్ పాయింట్ పెన్ మాత్రమే ఉపయోగించాలి.
- లాగిథిమ్ బేబల్స్, క్యాలిక్యులేటర్లు, ఎలక్ట్రానిక్ పరికరాలు మొదలగునవి పరీక్ష గదిలో ఉపయోగించడం నిషేధం.
- తప్పు సమాధానాలకు మార్కుల తగ్గింపు లేదు.



DO NOT WRITE HERE



GEOGRAPHY

Paper – III

1. The residual hill left at the end of cycle of erosion in Karst region is called
(A) Bornhardt (B) Monadnock
(C) Inselberg (D) Hum
2. The concept of sea floor spreading was formulated based on the studies conducted along
(A) Mid-Atlantic Ridge
(B) Telegraph plateau
(C) Aleutian Trench
(D) Mid-Indian Ridge
3. Speleology is the study related to
(A) Tropical soils
(B) Volcanic deposition
(C) Underground caves
(D) Mass wasting
4. Which of the following states does not touch the boundary of Chhattisgarh ?
(A) Orissa
(B) Andhra Pradesh
(C) West Bengal
(D) Maharashtra
5. Identify the correct ranking sequence of states as per their area under sugarcane in India
(A) Karnataka, Tamil Nadu, Maharashtra, Uttar Pradesh
(B) Tamil Nadu, Maharashtra, Karnataka, Uttar Pradesh
(C) Uttar Pradesh, Maharashtra, Tamil Nadu, Karnataka
(D) Maharashtra, Uttar Pradesh, Tamil Nadu, Karnataka
6. Ship building centres in West Bengal is located in
(A) Haldia
(B) Shankarpur
(C) Budge Budge
(D) Garden Reach
7. **Assertion (A)** : Geothermal energy is harvested in the Himalayan region
Reasoning (R) : Deccan trap is an area which is covered by basalt from fissure eruption
Codes :
(A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
(B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
(C) 'A' is true but 'R' is false
(D) 'A' is false but 'R' is true



8. Consider the following statements and identify the correct answer from the codes given below :

1. Ptolemy was a mathematical Geographer
2. He belongs to Roman era
3. He lived in Rome and wrote 'Almagast'

Codes :

- (A) 1 and 3 are correct
- (B) 2 and 3 are correct
- (C) 1 and 2 are correct
- (D) Only 3 is correct

9. Consider the following statements and find out the correct answer from the codes given below :

1. Australia has rich iron ore reserves
2. It also ranks high in good hydro-electric projects among Southern continents
3. It is rich in Gold reserves

Codes :

- (A) 1 and 3 are correct
- (B) 2 and 3 are correct
- (C) 1 and 2 are correct
- (D) Only 3 is correct

10. **Assertion (A)** :China emerged as an important steel producer during 2000's in the world

Reason (R) : It resorted to exporting coal and even importing Iron ore from over seas-sources

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true

11. Slit eyes, straight long hair, flat nose are the characteristic features of

- (A) The Cacaosoids
- (B) The Negroids
- (C) The Mangolooids
- (D) The Aborigines

12. The India Meteorological Department has its head quarters at

- (A) Kolkata
- (B) Mumbai
- (C) Pune
- (D) Bangalore

13. Which of the following measure gives the amount of water vapour in gram/kg of air ?

- (A) Moisture Index
- (B) Specific Humidity
- (C) Relative Humidity
- (D) Absolute Humidity



14. Which of the following climate is considered as normal by L.C. King in his explanation of landform evolution ?
- (A) Temperate humid
 - (B) Sub tropical sub humid
 - (C) Subtropical humid
 - (D) Semi Arid
15. **Assertion (A)** : Jamshedpur steel plant gets its raw material supply from adjacent areas
- Reasoning (R)** : Singareni is the major source for coal supply to Jamshedpur
- Codes :**
- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
 - (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
 - (C) 'A' is true but 'R' is false
 - (D) 'A' is false but 'R' is true
16. Sanson-Flamstead projection is also called
- (A) Polyconic projection
 - (B) Cylindrical equal area projection
 - (C) Sinusoidal projection
 - (D) Conical projection
17. The layer of atmosphere which helps communication is
- (A) Ozone layer
 - (B) Stratosphere
 - (C) Ionosphere
 - (D) Mesosphere
18. In the interior parts of continents rainfall is mostly due to
- (A) Cyclone
 - (B) Relief
 - (C) Convection
 - (D) Front
19. In the sub-tropics, where are the driest hot deserts found ?
- (A) Continental interiors
 - (B) Eastern coastal regions in the continents
 - (C) Western coastal regions in the continents
 - (D) High plateau regions
20. A local wind caused by the flow of air, down mountain slopes and valleys, is called
- (A) Katabatic wind
 - (B) Anabatic wind
 - (C) Foehn
 - (D) Chinook



21. Tropical cyclone storms occurring in Philippines, Japan and China seas are known as

- (A) Tornado
- (B) Thunder storms
- (C) Typhoons
- (D) Hurricane

22. Which of the following is not an element of weather ?

- (A) Sunshine
- (B) Cloud cover
- (C) Height above sea level
- (D) Humidity

23. Match List I with List II and identify the correct answer using the codes given below

List I	List II
I. Mistral	1. Egypt
II. Khamsin	2. Northern Alps
III. Foehn	3. Northwest Mediterranean
IV. Harmattan	4. West Africa

Codes :

	I	II	III	IV
(A)	4	2	1	3
(B)	3	1	2	4
(C)	1	4	3	2
(D)	2	3	1	4

24. The exact interpolation routine that depends on the probabilistic nature of surface changes with distance is called

- (A) Kriging
- (B) High pass filter
- (C) Line Intersect
- (D) Extrapolation

25. In Taylor's climograph, the northeast corner represents

- (A) Raw
- (B) Muggy
- (C) Keen
- (D) Scorching

26. Identify the correct sequence of EMR from the shortest to longest wavelength

- (A) X ray, Gamma ray, visible spectrum, Infra red
- (B) Infra red, Gamma ray, X ray, visible spectrum
- (C) Gamma ray, X ray, visible spectrum, Infra red
- (D) Visible spectrum, Infra red, X ray, Gamma ray



27. The region with huge boulders and less surface waterflow at the base of Himalayas is called
- (A) Bhabar
 - (B) Terai
 - (C) Bhangar
 - (D) Khadar
28. Sarva Siksha Abiyan is a programme which is a part of
- (A) Sectoral Planning
 - (B) Top-Down Planning
 - (C) Bottom Up Planning
 - (D) Spatial Planning
29. Who made the statement 'Human Geography is the study of changing relationship between unresting man and the unstable earth' ?
- (A) Vidal de la Blache
 - (B) Jean Brunhes
 - (C) Demongeon
 - (D) Ellen Churchill Semple
30. Consider the following statements and identify the correct answer using the codes given below according to Aristotle
1. People of cold countries are courageous
 2. They are good in organization also
 3. People of Asia are slaves because they lack courage
- (A) 1 and 2 are correct
 - (B) 1 and 3 are correct
 - (C) Only 2 is correct
 - (D) Only three is correct
31. The Australian province noted for rice cultivation is
- (A) Southeast Australia
 - (B) Northeast Australia
 - (C) Southwestern Australia
 - (D) Southcentral Australia
32. Correct sequence of fishing banks from North to South in the N.W. Atlantic region is
- (A) Sabale bank-Grandbank-St. Pierre bank
 - (B) St. Pierre bank-Sabale bank-Grand bank
 - (C) Grand bank-Sabale bank-St. Pierre bank
 - (D) Grand bank-St. Pierre bank-Sabale bank



- 33.** A Province which is supposed to be the original origin of humanoids is
- (A) West Asia
 - (B) Central North America
 - (C) Central Africa
 - (D) Central Mangolia
- 34.** Consider the following statements and identify the correct answer from the codes given below
1. Nepal is a buffer state between India and China
 2. Bhutan always sides China
 3. Karakoram highway connects Pakistan with China via a disputed territory which belongs to India
- (A) 1 and 2 are correct
 - (B) 1 and 3 are correct
 - (C) 2 and 3 are correct
 - (D) Only 1 is correct
- 35.** Urban Development Authority is normally established for the planning of
- (A) Metropolitan cities
 - (B) Class II towns
 - (C) Class III towns
 - (D) Class IV towns
- 36.** Consider the following statements and identify the correct answer using the codes given below
1. In Recumbent fold, the fold axis is nearly horizontal
 2. In an Asymmetrical fold, the dip angle of both limbs are equal
 3. In Nappe, the older beds lie above the younger beds after the breaking in one part
- (A) Only 1 is correct
 - (B) 1 and 2 are correct
 - (C) 2 and 3 are correct
 - (D) 1 and 3 are correct
- 37.** What is the correct sequence of development of the following land forms in a coastal region ?
- (A) Natural bridge, notch, sea cave, stack
 - (B) Stack, notch, sea cave, natural bridge
 - (C) Notch, sea cave, natural bridge, stack
 - (D) Natural bridge, sea cave, notch, stack
- 38.** In Pleistocene Ice Age, the correct sequence from old to new glacial periods is
- (A) Wurm, Mindel, Riss, Gunz
 - (B) Gunz, Mindel, Riss, Wurm
 - (C) Mindel, Wurm, Gunz, Riss
 - (D) Riss, Mindel, Gunz, Wurm



39. Assertion (A) : Pumice is a volcanic rock which is heavy

Reasoning (R) : It is highly porous due to sudden release of steam and gas at the time of solidification

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true

40. Assertion (A) : The valley of the main river is the base level for the tributary river

Reasoning (R) : Theoretically, base level is the lowest limit upto which a river can perform erosion

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true

41. Assertion (A) : As per L.C. King, pediment increases in length and coalesce to form pediplain

Reasoning (R) : There is a parallel retreat of scarp

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true

42. Match List I with List II and identify the correct answer using the codes given below :

List I (Books)	List II (Authors)
I. Study of landforms	1. Strahler and Strahler
II. Principles of Geomorphology	2. Playfair
III. Modern Physical Geography	3. R.J. Small
IV. Geomorphology	4. Chorley 5. Thornbury

	I	II	III	IV
(A)	3	5	1	4
(B)	2	3	4	1
(C)	2	5	3	4
(D)	3	4	1	2

43. Match List I with List II and identify the correct answer using the code given below

List I (Concept)	List II (Author)
I. Stream orders	1. Peltier
II. Morphogenic regions	2. Holmes
III. Sea floor spreading	3. Horton
IV. Convection current hypothesis	4. Wegener 5. Hess

	I	II	III	IV
(A)	3	5	4	1
(B)	3	1	5	2
(C)	2	3	4	1
(D)	1	2	3	5



44. Match List I with List II and identify the correct answer using the codes given below

List I (Terms)	List II (Process)
I. Throw	1. Chemical weathering
II. Pyroclast	2. Volcanic action
III. Hydraulisis	3. Mass movement
IV. Solifluction	4. Fault
	5. Fluvial action

	I	II	III	IV
(A)	1	2	5	4
(B)	1	5	2	3
(C)	2	3	4	1
(D)	4	2	1	3

45. Bab el Mandeb strait connects

(A) Red Sea with Gulf of Aden

(B) Australia and Tasmania

(C) North and South islands of New Zealand

(D) Persian Gulf and Arabian Sea

46. Ramsar convention is associated with the conservation of

(A) Tropical Rainforests

(B) Mangroves

(C) Coral reef

(D) Endangered animals

47. Consider the following statements and identify the correct answer using the codes given below

1. The decomposers in the ecosystem are also called autotrophs
 2. In the ecological succession, the stages are called seral stage
 3. Natural balance in an ecosystem is called Ecosystem Homeostasis
- (A) Only 1 is correct
- (B) 1 and 2 are correct
- (C) 1 and 3 are correct
- (D) 2 and 3 are correct

48. **Assertion (A)** : Green plants are also called autotrophs

Reasoning (R) : Natural balance in an ecosystem is called Ecosystem Homeostasis

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true

49. The correct North to South sequence of trenches in the Pacific Ocean is

- (A) Kurile, Tonga, Mariana, Aleutian
- (B) Aleutian, Kurile, Mariana, Tonga
- (C) Aleutian, Mariana, Tonga, Kurile
- (D) Kurile, Aleutian, Tonga, Mariana



- 50.** A typology of slums was developed by
- (A) Stokes
 - (B) Morrill
 - (C) Johnson
 - (D) Clark
- 51.** Identify the area which is different from the other three in terms of population distribution.
- (A) Siberia
 - (B) Western Australia
 - (C) Central Asia
 - (D) Southeastern USA
- 52.** Consider the following statements and identify the correct answer using the codes given below
1. Urban population pyramids have a longer base than rural population pyramids
 2. Population distribution in southern continents is peripheral in nature
 3. Cultural set up and type of economic activity have an impact on the number of female migrants to the city
- (A) Only 2 is correct
 - (B) 1 and 2 are correct
 - (C) 2 and 3 are correct
 - (D) 1 and 3 are correct
- 53.** Consider the following statements and identify the correct answer using codes given below
1. Burgess outlined the concentric zone model of urban land use
 2. Hoyt's sector model included an outlying CBD
 3. Multiple Nuclei model was proposed by Harris and Ullman
- (A) Only 2 is correct
 - (B) 1 and 2 are correct
 - (C) 1 and 3 are correct
 - (D) 2 and 3 are correct
- 54.** In the given states which is the correct sequence from most literate to less literate as per Census 2011?
- (A) Himachal Pradesh, Gujarat, West Bengal, Punjab
 - (B) West Bengal, Punjab, Gujarat, Himachal Pradesh
 - (C) Gujarat, Punjab, West Bengal, Himachal Pradesh
 - (D) Punjab, Gujarat, Himachal Pradesh, West Bengal



55. Assertion (A): Christaller considered hexagonal service areas in his central place model

Reasoning (R): Circular service regions leave some areas unserved

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true

56. Match List I with List II and identify the correct answer using the codes given below

List I	List II
I. Conurbation	1. Christaller
II. Necropolis	2. Gottman
III. Eopolis	3. Geddes
IV. Megalopolis	4. Ghost town
	5. Village

	I	II	III	IV
(A)	3	2	1	4
(B)	1	4	2	3
(C)	3	4	5	2
(D)	5	1	3	2

57. Stratigraphically the order system of rock formation is

- (A) Dharwar
- (B) Cuddapah
- (C) Deccan Trap
- (D) Mahadev Series

58. Rightly matched pairs of National Park/ State

- (A) Kanha – Madhya Pradesh
- (B) Bandipur – Rajasthan
- (C) Bharatpur – Karnataka
- (D) Gir – Orissa

59. Ankaleswar oil fields are located in

- (A) Assam
- (B) Meghalaya
- (C) Maharashtra
- (D) Gujarat

60. Which of the following is declared as the 12th major port in India ?

- (A) Ennore
- (B) Tuticorin
- (C) Kakinada
- (D) Nagapattinam

61. Southern part of east coast of India is called

- (A) Circar
- (B) Coromandel
- (C) Konkan
- (D) Pamban



62. What is the highest valued commodity among Indian imports ?

- (A) Finished Steels
- (B) Petroleum products
- (C) Fertilizers
- (D) Machinery

63. The watershed between India and Myanmar is formed by

- (A) Naga hills
- (B) Garo hills
- (C) Khasi hills
- (D) Jaintia hills

64. Identify the correct sequence of ports of Western Coast of India from North to South

- (A) Cochin, Marma Goa, Mangalore, Kandla
- (B) Kandla, Marma Goa, Mangalore, Cochin
- (C) Marma Goa, Kandla, Mangalore, Cochin
- (D) Marma Goa, Mangalore, Cochin, Kandla

65. **Assertion (A)** : Lesser Himalayas consist of small hills called Dunes

Reasoning (R) : Break of slopes causes rivers to deposit large volumes of loads at foot hills of the Himalayas

Codes :

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true

66. **Assertion (A)** : Type of forest at the foot hills of Eastern Himalayas and Western Himalayas are different

Reasoning (R) : Monsoon rainfall is heavy in the Assam region

Codes :

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true



67. Assertion (A) : Sugarcane is a tropical crop and its yield is sensitive to climatic variations

Reasoning (R) : Yield per acre of sugarcane is the highest in Uttar Pradesh among the states of India

Codes :

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true

68. Assertion (A) : Development of inland waterways is more along the Peninsular rivers

Reasoning (R) : Monsoons are the main source for water in the Peninsular rivers

Codes :

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true

69. Assertion (A) : Land slide and large scale flooding is associated with cloud burst

Reasoning (R) : Intensity of rainfall is low during cloud burst

Codes :

- (A) Both 'A' and 'R' are true and 'R' is the correct explanation for 'A'
- (B) Both 'A' and 'R' are true but 'R' is not the correct explanation for 'A'
- (C) 'A' is true but 'R' is false
- (D) 'A' is false but 'R' is true

70. Consider the following statements and identify the correct answer using the codes given below

1. L.C. King formulated the concept of Peneplanation
2. His cycle of erosion is also called the standard Epigene cycle
3. He indicated that valley slope is the dominant process in the mature stage

- (A) Only 1 is correct
- (B) Only 3 is correct
- (C) 1 and 2 are correct
- (D) 2 and 3 are correct



71. Consider the following statements and identify the correct answer using the codes given below

1. Zonal soils are broadly grouped as Pedalfers and Pedocals
2. Podzol is a zonal soil associated with Taiga
3. Chernozem is also known as Red earth

- (A) 1 and 2 are correct
(B) 1 and 3 are correct
(C) 2 and 3 are correct
(D) Only 1 is correct

72. **Assertion (A)** : Equatorial rain forests contain valuable trees of commercial importance like Mahogany, Ebony, Iron wood etc.

Reasoning (R) : As they are thick forests large scale commercial exploitation is easy

Codes :

- (A) Both 'A' and 'R' are true, 'R' is the correct explanation of 'A'
(B) Both 'A' and 'R' are true 'R' is not the correct explanation of 'A'
(C) 'A' is true but 'R' is false
(D) 'A' is false but 'R' is true

73. Monumental work 'Muquaddimah' was written by

- (A) Ibn-Battuta
(B) Al-Biruni
(C) Al-Idrisi
(D) Ibn-Khaldun

74. States which are important for wind energy generation

- (A) Tamil Nadu and Gujarat
(B) Tamil Nadu and Andhra Pradesh
(C) Andhra Pradesh and West Bengal
(D) West Bengal and Gujarat

75. Tilaiya, Konar and Maithon are dams associated with

- (A) Damodar Valley Project
(B) Hirakud Project
(C) Bhakra Nangal Project
(D) Tunga Bhadra Project



Space for Rough Work

