

PUMDET-2019
Subject : GEOGRAPHY

(Booklet Number)

Duration : 90 Minutes

Full Marks : 100

INSTRUCTIONS

1. All questions are of objective type having four answer options for each. Only one option is correct. Correct answer will carry full marks 2. In case of incorrect answer or any combination of more than one answer, $\frac{1}{2}$ mark will be deducted.
2. Questions must be answered on OMR sheet by darkening the appropriate bubble marked A, B, C, or D.
3. Use only **Black/Blue ball point pen** to mark the answer by complete filling up of the respective bubbles.
4. Mark the answers only in the space provided. Do not make any stray mark on the OMR.
5. Write question booklet number and your roll number carefully in the specified locations of the OMR. Also fill appropriate bubbles.
6. Write your name (in block letter), name of the examination centre and put your full signature in appropriate boxes in the OMR.
7. The OMR is liable to become invalid if there is any mistake in filling the correct bubbles for question booklet number/roll number or if there is any discrepancy in the name/signature of the candidate, name of the examination centre. The OMR may also become invalid due to folding or putting stray marks on it or any damage to it. The consequence of such invalidation due to incorrect marking or careless handling by the candidate will be sole responsibility of candidate.
8. Candidates are not allowed to carry any written or printed material, calculator, pen, docu-pen, log table, wristwatch, any communication device like mobile phones etc. inside the examination hall. Any candidate found with such items will be **reported against** and his/her candidature will be summarily cancelled.
9. Rough work must be done on the question paper itself. Additional blank pages are given in the question paper for rough work.
10. Handover the OMR to the invigilator before leaving the Examination Hall.



GEOGRAPHY

1. Geography is essentially the science of man – environment relationship in terms of
(A) spatial distribution (B) spatial association
(C) spatial mapping (D) spatial interpretation

2. Which one of the following is an example of a model used in geographical studies ?
(A) Globe (B) Scale
(C) G.I.S. (D) Satellite imagery

3. In a cadastral map the scale used is
(A) linear scale (B) vernier scale
(C) diagonal scale (D) comparative scale

4. Which of the following discontinuities of the earth's interior causes the maximum deflection in the transverse seismic waves ?
(A) Conrad (B) Mohorovicic
(C) Gutenberg (D) Lehmann

5. The Tropic of Cancer passes through
(A) Egypt, Mexico, Bangladesh (B) Egypt, China, Ecuador
(C) Pakistan, Bangladesh, Thailand (D) Mexico, Spain, Pakistan

6. Alternative bands of white and black coloured minerals are found in
(A) Granite (B) Gneiss
(C) Sandstone (D) Marble

13. In which of the following map projections the Radial Scale Factor is equal to the Tangential Scale Factor ?
- (A) Polar Zenithal Stereographic Projection
 (B) Cylindrical Equal Area Projection
 (C) Mercator's Projection
 (D) Bonne's Projection
14. In Simple Conical Projection with Two Standard Parallels, the equator of the generating globe will be projected as
- (A) a point
 (B) a straight line
 (C) an arc
 (D) a circle
15. The smallest division in a metric staff measures a height of
- (A) 0.5 m
 (B) 0.05 m
 (C) 0.005 m
 (D) 0.1 m
16. Consider the following statements in connection with Prismatic Compass Survey and choose the correct alternatives.
- 'Closing Error' occurs due to
- i. magnetic attraction during survey work
 ii. precision of the instrument
 iii. error in plotting.
- (A) i
 (B) i and ii
 (C) ii and iii
 (D) i and iii
17. Which of the following features is an evidence of tectonic activity ?
- (A) V-shaped valley
 (B) Gorge
 (C) Dome
 (D) Block Mountain

PUMDET-2019

24. Which one of the following is not a geostationary satellite ?
- (A) INSAT (B) METEOSAT
(C) OCEANSAT (D) EDUSAT
25. In a log-log graph paper the conceptual representation of primate city in the size-class distribution will appear as a
- (A) straight line (B) concave curve
(C) convex curve (D) stepped curve
26. A river stops downcutting when it experiences the following state(s) :
- i. Reaches the base level
ii. Encounters a hardpan
iii. Gradient and discharge are reduced.
iv. Sediment load increases.
- Choose the correct statement(s) :
- (A) i and ii (B) i, ii and iii
(C) i, ii and iv (D) All of the above
27. Reserve forests are forests for
- (A) hunting and tourism
(B) local use only
(C) growing medicinal herbs and nurseries
(D) commercial purpose and wildlife
28. Pathrakkavadu Hydroelectric Project has been proposed in which National Park ?
- (A) Silent Valley (B) Bandipur
(C) Wayanad (D) Periyar

35. The upper part of an alluvial fan produced due to sudden fall in slope of a river course is predominantly composed of
- (A) cobbles and coarse materials (B) boulders and large rocks
(C) sand and fine particles (D) silt and clay
36. Which of the following is not an agendum of the Sustainable Development Goals ?
- (A) Infrastructural development and industrial growth
(B) Climate change mitigation and biodiversity conservation
(C) Human development and food security
(D) Cross border migration and terrorism
37. The river Jamuna in Bangladesh is called the _____ river in India.
- (A) Brahmaputra (B) Teesta
(C) Ganga (D) Yamuna
38. Which one of the following causes is mainly responsible for the disappearance of several small islands in the Sunderbans region ?
- (A) Land subsidence (B) Sea level rise
(C) Coastal erosion (D) Tidal surge
39. Most of the plants prefer to grow in the pH range of _____
- (A) 5 to 6 (B) 6 to 7
(C) 7 to 8 (D) 8 to 9
40. On the basis of broad categories of occupations, the different cities in a region can be suitably represented by
- (A) a Bar diagram
(B) Pie diagrams with proportional circles
(C) a Ternary diagram
(D) a Choropleth map

47. BIMSTEC is a geopolitical organisation of
- (A) the North Atlantic region (B) the South Pacific region
 (C) the Indian Ocean region (D) the Bay of Bengal region
48. Consider the following four series of rainfall (in mm) and find out which one is the most consistent or reliable.

	Year			
	2010	2011	2012	2013
(A)	100	400	1200	2700
(B)	400	800	1200	1600
(C)	800	800	850	800
(D)	400	100	1000	100

49. Which one of the following is not a field instrumental/tool ?
- (A) Abney Level (B) Questionnaire
 (C) Rotameter (D) Clinometer Compass
50. Choose the correct combination of the states neighbouring the state of Chhattisgarh in four cardinal directions.

	North	South	East	West
(A)	Uttar Pradesh	Telangana	Odisha	Madhya Pradesh
(B)	Bihar	Andhra Pradesh	Odisha	Maharashtra
(C)	Uttar Pradesh	Andhra Pradesh	Jharkhand	Madhya Pradesh
(D)	Jharkhand	Andhra Pradesh	Odisha	Maharashtra