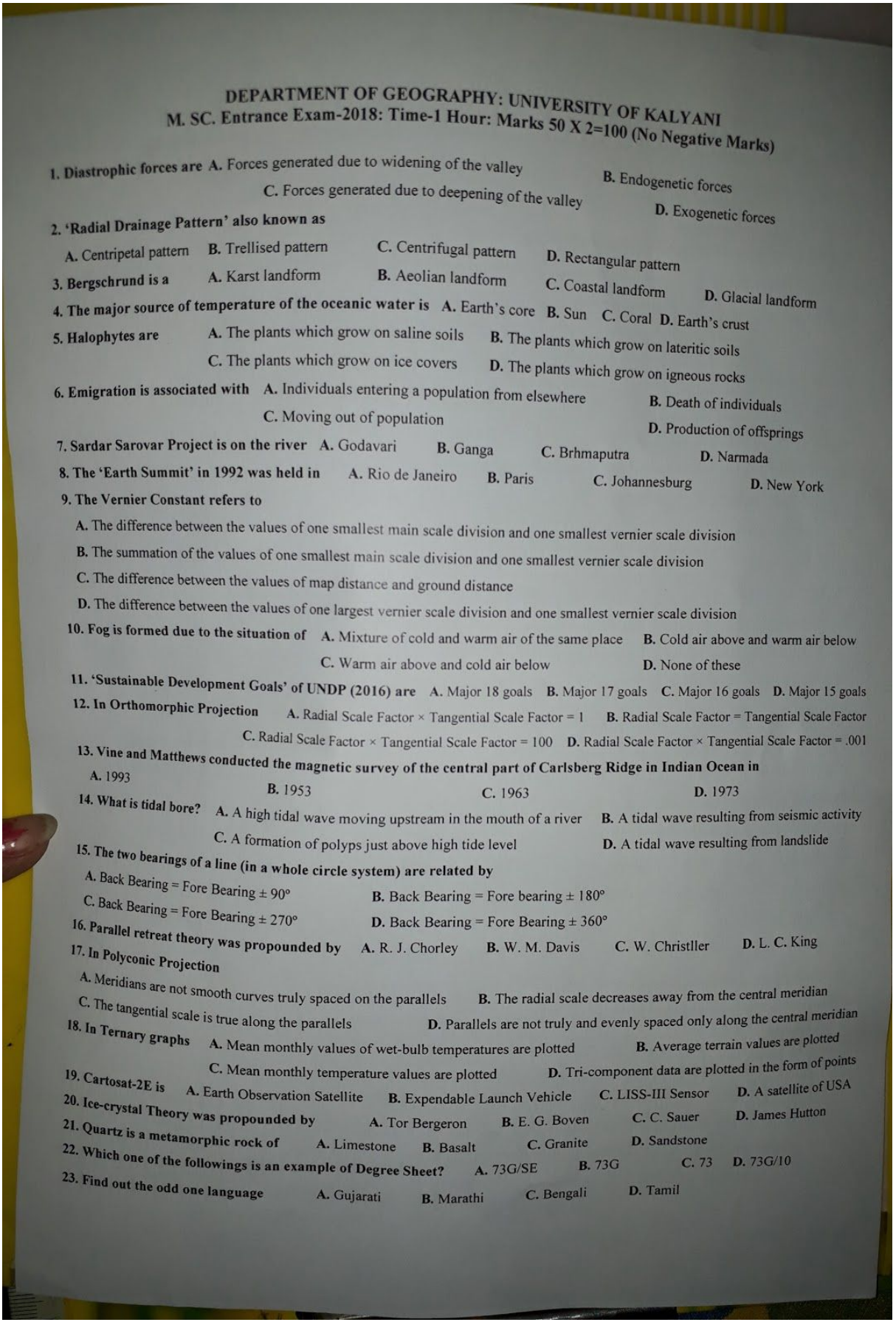
DEPARTMENT OF GEOGRAPHY: UNIVERSITY OF KALYANI

M.SC Entrance Exam-2018



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M. SC. Entrance Exam-2018: Time-1 Hour: Marks 50 X 2=100 (No Negative Marks)

1. Diastrophic forces are A. Forces generated due to widening of the valley B. Endogenetic forces C. Forces generated due to deepening of the valley D. Exogenetic forces

2. 'Radial Drainage Pattern' also known as
A. Centripetal pattern B. Trellised pattern C. Centrifugal pattern D. Rectangular pattern

3. Bergschrund is a A. Karst landform B. Aeolian landform C. Coastal landform D. Glacial landform

4. The major source of temperature of the oceanic water is A. Earth's core B. Sun C. Coral D. Earth's crust

5. Halophytes are A. The plants which grow on saline soils B. The plants which grow on lateritic soils C. The plants which grow on ice covers D. The plants which grow on igneous rocks

6. Emigration is associated with A. Individuals entering a population from elsewhere B. Death of individuals C. Moving out of population D. Production of offsprings

7. Sardar Sarovar Project is on the river A. Godavari B. Ganga C. Brhmaputra D. Narmada

8. The 'Earth Summit' in 1992 was held in A. Rio de Janeiro B. Paris C. Johannesburg D. New York

9. The Vernier Constant refers to
A. The difference between the values of one smallest main scale division and one smallest vernier scale division
B. The summation of the values of one smallest main scale division and one smallest vernier scale division
C. The difference between the values of map distance and ground distance
D. The difference between the values of one largest vernier scale division and one smallest vernier scale division

10. Fog is formed due to the situation of A. Mixture of cold and warm air of the same place B. Cold air above and warm air below C. Warm air above and cold air below D. None of these

11. 'Sustainable Development Goals' of UNDP (2016) are A. Major 18 goals B. Major 17 goals C. Major 16 goals D. Major 15 goals

12. In Orthomorphic Projection A. Radial Scale Factor × Tangential Scale Factor = 1 B. Radial Scale Factor = Tangential Scale Factor C. Radial Scale Factor × Tangential Scale Factor = 100 D. Radial Scale Factor × Tangential Scale Factor = .001

13. Vine and Matthews conducted the magnetic survey of the central part of Carlsberg Ridge in Indian Ocean in
A. 1993 B. 1953 C. 1963 D. 1973

14. What is tidal bore? A. A high tidal wave moving upstream in the mouth of a river B. A tidal wave resulting from seismic activity C. A formation of polyps just above high tide level D. A tidal wave resulting from landslide

15. The two bearings of a line (in a whole circle system) are related by
A. Back Bearing = Fore Bearing ± 90° B. Back Bearing = Fore bearing ± 180°
C. Back Bearing = Fore Bearing ± 270° D. Back Bearing = Fore Bearing ± 360°

16. Parallel retreat theory was propounded by A. R. J. Chorley B. W. M. Davis C. W. Christller D. L. C. King

17. In Polyconic Projection
A. Meridians are not smooth curves truly spaced on the parallels B. The radial scale decreases away from the central meridian
C. The tangential scale is true along the parallels D. Parallels are not truly and evenly spaced only along the central meridian

18. In Ternary graphs A. Mean monthly values of wet-bulb temperatures are plotted B. Average terrain values are plotted C. Mean monthly temperature values are plotted D. Tri-component data are plotted in the form of points

19. Cartosat-2E is A. Earth Observation Satellite B. Expendable Launch Vehicle C. LISS-III Sensor D. A satellite of USA

20. Ice-crystal Theory was propounded by A. Tor Bergeron B. E. G. Boven C. C. Sauer D. James Hutton

21. Quartz is a metamorphic rock of A. Limestone B. Basalt C. Granite D. Sandstone

22. Which one of the followings is an example of Degree Sheet? A. 73G/SE B. 73G C. 73 D. 73G/10

23. Find out the odd one language A. Gujarati B. Marathi C. Bengali D. Tamil

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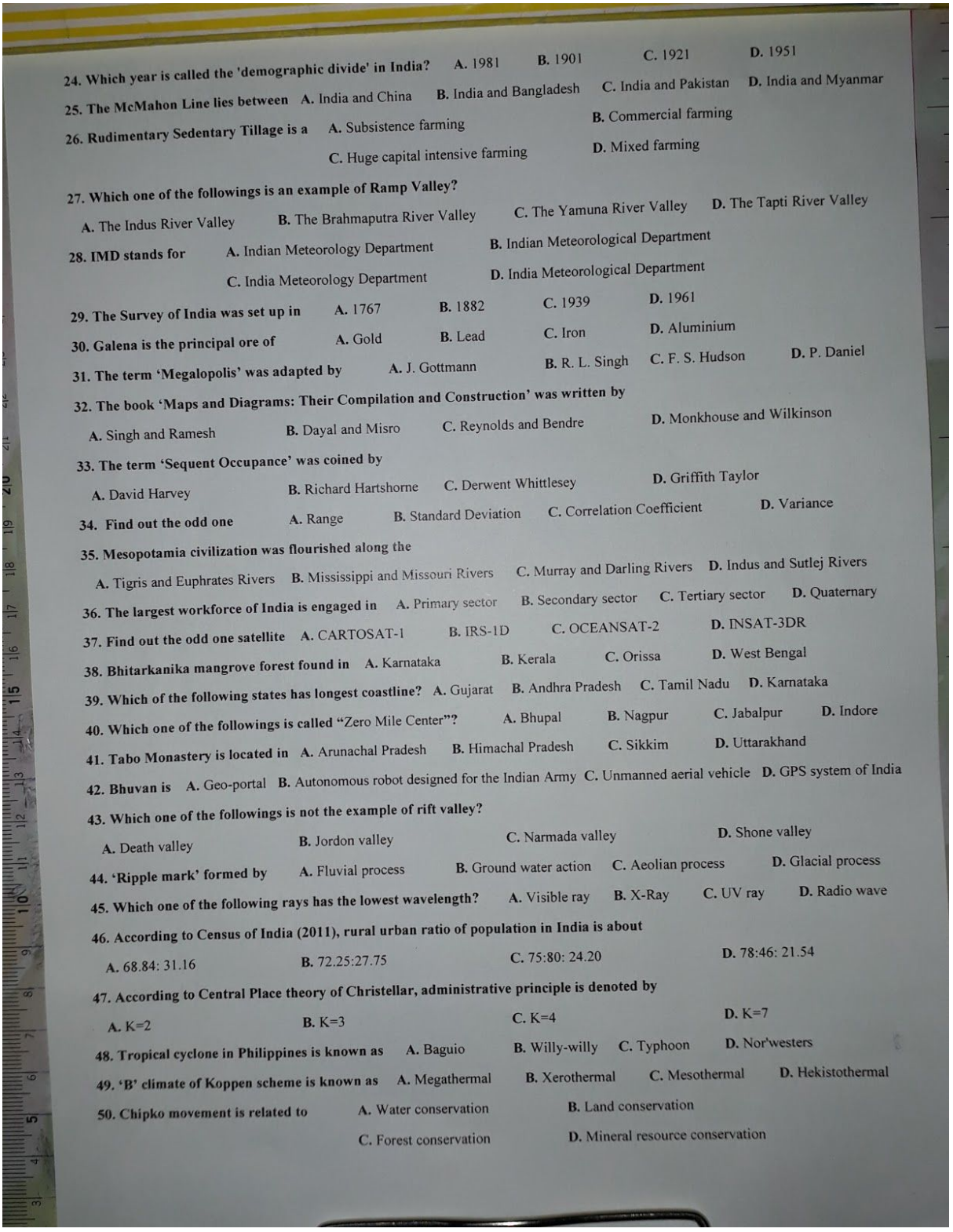

24. Which year is called the 'demographic divide' in India? A. 1981 B. 1901 C. 1921 D. 1951

25. The McMahon Line lies between A. India and China B. India and Bangladesh C. India and Pakistan D. India and Myanmar

26. Rudimentary Sedentary Tillage is a A. Subsistence farming B. Commercial farming C. Huge capital intensive farming D. Mixed farming

27. Which one of the followings is an example of Ramp Valley?
A. The Indus River Valley B. The Brahmaputra River Valley C. The Yamuna River Valley D. The Tapti River Valley

28. IMD stands for A. Indian Meteorology Department B. Indian Meteorological Department C. India Meteorology Department D. India Meteorological Department

29. The Survey of India was set up in A. 1767 B. 1882 C. 1939 D. 1961

30. Galena is the principal ore of A. Gold B. Lead C. Iron D. Aluminium

31. The term 'Megalopolis' was adapted by A. J. Gottmann B. R. L. Singh C. F. S. Hudson D. P. Daniel

32. The book 'Maps and Diagrams: Their Compilation and Construction' was written by
A. Singh and Ramesh B. Dayal and Misro C. Reynolds and Bendre D. Monkhouse and Wilkinson

33. The term 'Sequent Occupance' was coined by
A. David Harvey B. Richard Hartshorne C. Derwent Whittlesey D. Griffith Taylor

34. Find out the odd one A. Range B. Standard Deviation C. Correlation Coefficient D. Variance

35. Mesopotamia civilization was flourished along the
A. Tigris and Euphrates Rivers B. Mississippi and Missouri Rivers C. Murray and Darling Rivers D. Indus and Sutlej Rivers

36. The largest workforce of India is engaged in A. Primary sector B. Secondary sector C. Tertiary sector D. Quaternary

37. Find out the odd one satellite A. CARTOSAT-1 B. IRS-1D C. OCEANSAT-2 D. INSAT-3DR

38. Bhitarkanika mangrove forest found in A. Karnataka B. Kerala C. Orissa D. West Bengal

39. Which of the following states has longest coastline? A. Gujarat B. Andhra Pradesh C. Tamil Nadu D. Karnataka

40. Which one of the followings is called "Zero Mile Center"? A. Bhupal B. Nagpur C. Jabalpur D. Indore

41. Tabo Monastery is located in A. Arunachal Pradesh B. Himachal Pradesh C. Sikkim D. Uttarakhand

42. Bhuvan is A. Geo-portal B. Autonomous robot designed for the Indian Army C. Unmanned aerial vehicle D. GPS system of India

43. Which one of the followings is not the example of rift valley?
A. Death valley B. Jordon valley C. Narmada valley D. Shone valley

44. 'Ripple mark' formed by A. Fluvial process B. Ground water action C. Aeolian process D. Glacial process

45. Which one of the following rays has the lowest wavelength? A. Visible ray B. X-Ray C. UV ray D. Radio wave

46. According to Census of India (2011), rural urban ratio of population in India is about
A. 68.84: 31.16 B. 72.25:27.75 C. 75:80: 24.20 D. 78:46: 21.54

47. According to Central Place theory of Christellar, administrative principle is denoted by
A. K=2 B. K=3 C. K=4 D. K=7

48. Tropical cyclone in Philippines is known as A. Baguio B. Willy-willy C. Typhoon D. Nor'westers

49. 'B' climate of Koppen scheme is known as A. Megathermal B. Xerothermal C. Mesothermal D. Hekistothermal

50. Chipko movement is related to A. Water conservation B. Land conservation C. Forest conservation D. Mineral resource conservation

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ANSWER KEY BY MGI

1.B	11. B	21. D	31. A	41. B
2. C	12. D *	22. B	32. D	42. A
3. D	13. C	23. D	33. C	43. A
4. B	14. A	24. C	34. D	44. A
5. A	15. B	25. A	35. A	45. C
6. C	16. D	26. A	36. A	46. A
7. D	17. C *	27. B	37. B	47. D
8. A	18. D	28. C	38. C	48. A
9. A	19. A	29. A	39. A	49. C
10. A	20. A	30. B	40. B	50. C

(বিদ্রঃ এটি Official Answer Key নই। এই উত্তরপত্রটি. মিশন জিওগ্রাফি ইন্ডিয়া" কর্তৃক প্রকাশিত)

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