

SEAL

DO NOT OPEN THE SEAL UNTIL INSTRUCTED TO DO SO

*Invigilator's signature*

Question Booklet No.

105826

2018

**TGT — PAPER - I : GEOGRAPHY**

Time : 2 Hours

Maximum Marks : 100

ROLL NO.

**INSTRUCTIONS FOR CANDIDATES**

1. This Question Booklet contains 50 optional questions. Each question comprises four responses (answers). You will select ONLY ONE response which you consider the best and darken the bubble on the OMR RESPONSE SHEET.
2. DO NOT write your Name or anything else except Roll No. and the actual answers to the question, anywhere on the OMR RESPONSE SHEET.
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5. No candidate shall have in his/her possession inside the Examination Hall any book, notebook or loose paper, calculator, mobile phone, etc., except his/her admit card and other things paper permitted by the Commission.
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**NB : CANDIDATES ARE ALLOWED TO TAKE THIS QUESTION BOOKLET ONLY AFTER COMPLETION OF 2 (TWO) HOURS OF EXAMINATION TIME.**

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1. Average radius of the earth is
  - (A) 6371 km
  - (B) 12742 km
  - (C) 1055 km
  - (D) 750 km
2. Which is the correct sequence of the earth layers from the surface of the earth?
  - (A) Crust-Core-Mantle
  - (B) Crust-Mantle-Core
  - (C) Mantle-Crust-Core
  - (D) Core-Crust-Mantle
3. The lower crust is mainly composed of rocks like
  - (A) Basalt - Gabbro
  - (B) Silica - Magnesium
  - (C) Basalt - Silica
  - (D) Gabbro - Magnesium
4. The earth is made up of tectonic plates of
  - (A) 7 major and 50 minor plates
  - (B) 6 major and 20 minor plates
  - (C) 7 major and 20 minor plates
  - (D) 6 major and 50 minor plates
5. The process in which one plate slides beneath another is known as
  - (A) advection
  - (B) subduction
  - (C) convection
  - (D) convergence
6. Aeolian sedimentary rock is one which is formed by sediments brought by
  - (A) wind
  - (B) water
  - (C) glacier
  - (D) wave
7. Dislocation of blocks of rock along line of fracture is called
  - (A) landslide
  - (B) fault
  - (C) slope
  - (D) gorge
8. The Continental Drift Theory was propounded by
  - (A) Penck
  - (B) Griffith Taylor
  - (C) Peter Horris
  - (D) Alfred Wegener
9. By which stage of the following V-shaped valley is formed?
  - (A) Youthful stage of fluvial cycle of erosion
  - (B) Old age of arid cycle
  - (C) Old age of fluvial cycle of erosion
  - (D) Mature stage of glaciation erosion
10. The term 'Pangea' was coined by
  - (A) A. N. Strahler
  - (B) W. M. Davis
  - (C) Sharp
  - (D) Alfred Wegener
11. Atoll is one of the stages of
  - (A) a coral development
  - (B) a natural reservoir
  - (C) a pressure system
  - (D) development of carbon sink in the ocean

12. The process in which the ejection of hot rocks either liquid or solid is known as  
(A) volcanism  
(B) volcano  
(C) earthquake  
(D) geyser
13. Heat budget refers to  
(A) solar radiation  
(B) temperature distribution  
(C) heat distribution  
(D) balance between incoming and outgoing radiation
14. Which of the following sequences is the correct process of sedimentary rock formation?  
(A) Sedimentation–Compaction–Cementation–Stratification  
(B) Compaction–Sedimentation–Cementation–Stratification  
(C) Stratification–Sedimentation–Compaction–Cementation  
(D) Cementation–Sedimentation–Compaction–Stratification
15. The vertical movement of cold water from deeper oceanic layers to replace warmer surface water is called  
(A) upwelling  
(B) turbidity  
(C) emergence  
(D) halocline
16. The process by which rainfall is held by vegetation cover is called  
(A) infiltration  
(B) interception  
(C) saturation  
(D) evaporation
17. Which of the following clouds occupies the highest layer?  
(A) Cumulonimbus  
(B) Stratus  
(C) Cumulus  
(D) Cirrus
18. The distribution of ocean salinity is shown with the help of  
(A) isohaline  
(B) isobar  
(C) isotherm  
(D) isoneph
19. Effluent is associated with  
(A) air pollution  
(B) noise pollution  
(C) soil pollution  
(D) water pollution
20. Xerophytes can tolerate and stand against  
(A) the drought conditions  
(B) high temperature  
(C) severe cold  
(D) humidity
21. Ecological niche refers to  
(A) interaction between man and environment  
(B) the functional role of an organism in ecosystem  
(C) interdependence of man and plant  
(D) None of the above
22. For the establishment of cotton textile industry which one of the following factors is more ideal?  
(A) Nearness to market  
(B) Transport network  
(C) Nearness to raw material  
(D) Nearness to water resource

23. Population migration is determined by  
 (A) historical events  
 (B) push and pull factor  
 (C) political decision  
 (D) religious factor
24. Crop combination method was developed by  
 (A) Weber  
 (B) Wegener  
 (C) Whittlesey  
 (D) Weaver
25. The soils which are influenced by major climate characteristics are known as  
 (A) intrazonal soils  
 (B) zonal soils  
 (C) interzonal soils  
 (D) azonal soils
26. Which one of the following primary greenhouse gases is **not** associated with global warming?  
 (A) Water vapour  
 (B) Carbon dioxide  
 (C) Methane  
 (D) Hydrogen
27. Which of the following has a core area and a periphery?  
 (A) Formation of a region  
 (B) Perceptual region  
 (C) Functional region  
 (D) Vernacular region
28. Which of the following is the oldest and the richest coalfield of India with respect to quantity of production and quality?  
 (A) Raniganj  
 (B) Bokaro  
 (C) Jharia  
 (D) Makum-Nazira
29. The agricultural region is a  
 (A) functional region  
 (B) nodal region  
 (C) homogenous region  
 (D) natural region
30. Which one of the following metropolitan cities has registered the largest population in 2011 Census?  
 (A) Chennai  
 (B) Delhi  
 (C) Mumbai  
 (D) Kolkata
31. The habitat of the Onge tribe is  
 (A) Aravalli range  
 (B) Uttarakhand  
 (C) Chota Nagpur plateau  
 (D) Andaman-Nicobar
32. Which of the following states has the highest percentage of its agricultural area under canal irrigation?  
 (A) Madhya Pradesh  
 (B) Jammu and Kashmir  
 (C) Uttarakhand  
 (D) Uttar Pradesh
33. Which state of India is the largest producer of wheat?  
 (A) Uttar Pradesh  
 (B) Punjab  
 (C) Rajasthan  
 (D) Haryana
34. The oldest religion of the Middle East is  
 (A) Hinduism  
 (B) Judaism  
 (C) Christianity  
 (D) Zoroastrianism

35. Which one of the following states recorded the lowest population density in India at 2011 Census?
- (A) Sikkim  
(B) Arunachal Pradesh  
(C) Nagaland  
(D) Mizoram
36. Primitive subsistence agriculture in north-east is known as
- (A) Jhum  
(B) Milpa  
(C) Ray  
(D) Podu
37. Which of the following states is the highest producer of cotton in India?
- (A) Maharashtra  
(B) Gujarat  
(C) Tamil Nadu  
(D) Madhya Pradesh
38. Which of the following factors is **not** very important for a cotton industry?
- (A) Coal  
(B) Electricity  
(C) Labour  
(D) Raw material
39. Which of the following steel plants owned by Tata Steel?
- (A) Jharia  
(B) Bokaro  
(C) Bhilai  
(D) Rourkela
40. The state which has the highest density of roads in India is
- (A) Goa  
(B) Assam  
(C) Madhya Pradesh  
(D) Jammu and Kashmir
41. Which one of the following is considered as non-renewable resource?
- (A) Forest  
(B) Water  
(C) Coal  
(D) Wind
42. National Remote Sensing Center (NRSC) is located at
- (A) Hyderabad  
(B) Dehradun  
(C) Bangalore  
(D) Ahmedabad
43. Which one of the following is **not** an important aspect of industrial location?
- (A) Labour  
(B) Market  
(C) Capital  
(D) Raw material
44. Which one of the following products is **not** manufactured in Assam valley industrial region?
- (A) Paper  
(B) Plywood  
(C) Cotton  
(D) Jute

45. Which of the following states has the highest density railways per 1000 sq km area in India?
- (A) Delhi  
(B) Punjab  
(C) Bihar  
(D) West Bengal
46. Indian space satellite launching station is located at
- (A) Ahmedabad  
(B) Bengaluru  
(C) Sriharikota  
(D) Chennai
47. Which one of the following satellites **does not** belong to India?
- (A) GSAT  
(B) INSAT  
(C) IKONOS  
(D) EDUSAT
48. Which of the following satellites is dedicated to weather forecasting and monitoring purpose?
- (A) IRS-2C  
(B) GSAT-3  
(C) Kalpana-2  
(D) Cartosat-2
49. The Planning Commission of India was set up in the year
- (A) 1960  
(B) 1950  
(C) 1952  
(D) 1965
50. Following green revolution, operation flood was an important rural development programme. In which year operation flood was introduced?
- (A) 1950  
(B) 1960  
(C) 1970  
(D) 1980