PREVIOUS YEAR PAPER

UP TGT 2016 — Social Science: Geography (Series A)

UP TGT · 8 or 9 March 2019

49 of the paper's 63 questions · +3.4 for a correct answer, −0 for a wrong one · 120 minutes

Left out of the original paper: 14 (any question that needs a figure, a symbol or formatting we cannot show, or whose text did not read back cleanly from the booklet).

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Questions from the U.P. Secondary Education Services Selection Board's paper of 8 or 9 March 2019. Each question is followed by its answer, and the answer key is repeated on the last page.

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Geography

1. If an observer stands with his back to the wind in the northern hemisphere, pressure is lower on his left hand than on his right and in the southern hemisphere, pressure is lower on his right. This law is known as

(a) Buys Ballot law
(b) Coriolis force
(c) Ferrel's law
(d) Law of the maximum

Answer: (a)

2. Fishing comes under

(a) Primary activity
(b) Secondary activity
(c) Tertiary activity
(d) Quaternary activity

Answer: (a)

3. Aswan project was a project of

(a) Egypt
(b) Sion
(c) Sao Paolo
(d) Holbu

Answer: (a)

4. Alfalfa is

(a) A town
(b) A tribe
(c) One type of grass
(d) A mineral

Answer: (c)

5. Coromandel coast is located in

(a) Karnataka
(b) Tamil Nadu
(c) Andhra Pradesh
(d) Odisha

Answer: (b)

6. Among the following planets, which one is outer planet ?

(a) Venus
(b) Mars
(c) Uranus
(d) Earth

Answer: (c)

7. According to the theory of continental drift, there was only one continent and one ocean about 250 million years ago, the name of the ocean was

(a) Pangea
(b) Panthalasa
(c) Laurasia
(d) Australasia

Answer: (b)

8. The earth completes a rotation in approximately

(a) 24 hours
(b) 22 hours
(c) 26 hours
(d) 20 hours

Answer: (a)

9. To measure the intensity of earthquake, we use

(a) Mercalli scale
(b) Richter scale
(c) Both
(d) Barometer

Answer: (a)

10. In urban and industrial centers, when fog is mixed with smoke, it is known as

(a) Smog
(b) Mist
(c) Dew
(d) Frost

Answer: (a)

11. Which of the following is more responsible for winter rainfall in the eastern coast of India ?
    (a) Temperate cyclone
    (b) Tropical cyclone
    (c) North-east monsoon
    (d) None
    Answer: (c)

12. What is the average salinity found in oceans and seas ?
    (a) 33 per thousand
    (b) 35 per thousand
    (c) 37 per thousand
    (d) 40 per thousand
    Answer: (b)

13. Stationary wave theory was propounded by
    (a) Laplace
    (b) Harris
    (c) Davis
    (d) Dally
    Answer: (b)

14. Which one of the following is not bio- degradable
    (a) Organism
    (b) Plants
    (c) Plastic materials
    (d) None of these
    Answer: (c)

29. Coral reefs are made up of
    (a) Coral polyps
    (b) Radiolarian ooze
    (c) Diatom ooze
    (d) Calcareous ooze
    Answer: (a)

30. Which one of the following word is related to Homo Sapiens ?
    (a) Herbivore
    (b) Carnivore
    (c) Omnivore
    (d) Autotroph
    Answer: (c)

31. 'Erdkunde' book was written by
    (a) Humboldt
    (b) Ritter
    (c) Ratzel
    (d) Vidal Dala Blache
    Answer: (b)

32. Concept of "lebensraum" was developed by
    (a) Taylor
    (b) Ratzel
    (c) Hettner
    (d) Richtofen
    Answer: (b)

33. "An essay on the principles of population" was written by
    (a) Marx
    (b) Malthus
    (c) Adam Smith
    (d) Ricardo
    Answer: (b)

34. Which canal joins Pacific and Atlantic Ocean ?
    (a) Kiel
    (b) Suez
    (c) Panama
    (d) St. Soo Mary
    Answer: (c)

35. Highest coffee producing country in the world is
    (a) India
    (b) Brazil
    (c) West Indies
    (d) Ethiopia
    Answer: (b)

36. Which river flows through the Kashmir valley ?
    (a) Jhelum
    (b) Teesta
    (c) Ravi
    (d) Beas
    Answer: (a)

37. Wind blows from the Alps over France towards the Mediterranean Sea through Rhone valley is known as

(a) Harmattan
(b) Sirocco
(c) Foehn
(d) Mistral

Answer: (d)

38. International date line passes through Mid-Pacific Ocean, follows roughly

(a) 180 degree longitude
(b) 0 degree longitude
(c) 40 degree west longitude
(d) 90 degree east longitude

Answer: (a)

39. Which one is not a endogenic force ?

(a) Tension
(b) Compression
(c) Faulting
(d) Erosion

Answer: (d)

40. Magma penetrating and solidifying in the vertica' nts are known as

(a) Dykes
(b) Sills
(c) Lopolith
(d) Batholiths

Answer: (a)

41. When warmer and lighter air mass move against a cold and more dense air mass, the former rides up over the later, such front is known as

(a) Cold front
(b) Warm front
(c) Occluded front
(d) Stationary front

Answer: (b)

42. Polar front theory was propounded by

(a) V. Bjerkness
(b) Fitzroy
(c) Shaw
(d) Lampfert

Answer: (a)

43. Depth of photic zone is between
    (a) 800 – 1000 meter
    (b) Up to 200 meter
    (c) 500 – 1000 meter
    (d) Up to 1.5 km

    Answer: (b)

44. Kuroshio current is observed in
    (a) Atlantic Ocean
    (b) Pacific Ocean
    (c) Indian Ocean
    (d) None

    Answer: (b)

45. Thermal power project do not produce any impact on which one of the following ?
    (a) Air pollution
    (b) Land pollution
    (c) Noise pollution
    (d) Water pollution

    Answer: —

46. The gross primary production minus losses in an ecosystem is indicated as
    (a) Net energy
    (b) Secondary production
    (c) Net storage
    (d) Net primary production

    Answer: (d)

47. Agricultural land use model is an economic model given by
    (a) Von Thunen
    (b) Weaver
    (c) Weber
    (d) Penck

    Answer: (a)

48. Negative growth of population was observed in India from
    (a) 1921 – 1951
    (b) 1911 – 1921
    (c) 1981 – 2001
    (d) 2001 – 2011

    Answer: (b)

49. Which State in India is the highest producer of coffee ?
    (a) Kerala
    (b) Assam
    (c) West Bengal
    (d) Karnataka
    Answer: (d)

50. One of the criteria for urban settlement in India is
    (a) 5000 or more population
    (b) 3000 or more population
    (c) 4000 or more population
    (d) 7500 or more population
    Answer: (a)

51. Detroit is famous for
    (a) Automobile industry
    (b) Cotton industry
    (c) Rayon industry
    (d) Chemical industry
    Answer: (a)

52. CBD of New Delhi is
    (a) Noida
    (b) Gurugram
    (c) Ghaziabad
    (d) Connaught Place
    Answer: (d)

53. Heliocentric theory was propounded by
    (a) Copernicus
    (b) Ptolemy
    (c) Laplace
    (d) Chamberlain
    Answer: (a)

54. Which one is known as Arctic circle ?
    (a) 66.5 degree north
    (b) 23.5 degree north
    (c) 66.5 degree south
    (d) 90 degree north
    Answer: (a)

55. The process of disintegration and decomposition of rocks in situ is called
    (a) Weathering
    (b) Erosion
    (c) Landslides
    (d) Landslips
    Answer: (a)

56. Granular disintegration is an example of
    (a) Mechanical weathering
    (b) Chemical weathering
    (c) Plant weathering
    (d) None
    Answer: (a)

57. Altocumulus is an example of
    (a) Low clouds
    (b) Medium clouds
    (c) High clouds
    (d) None
    Answer: (b)

58. Koppen's climatic classification was based on
    (a) Climatic conditions
    (b) Rainfall and temperature
    (c) Vegetation zones
    (d) None
    Answer: (b)

59. A transition zone, where plant communities naturally merge into one another is known as
    (a) Ecotone
    (b) Ecosystem
    (c) Plankton
    (d) Nekton
    Answer: (a)

60. Environmental degradation in India is highest in which one of the following region ?
    (a) Himalayas
    (b) Chota Nagpur Plateau
    (c) Mysore Plateau
    (d) Vindhya Plateau
    Answer: (b)

61. The pyramid of energy is always
    (a) Inverted
    (b) Upright
    (c) Both
    (d) Inverted in forest system

    Answer: (b)

62. Who started the land use study and proposed land use maps of Britain ?
    (a) Mackinder
    (b) L. D. Stamp
    (c) Geddes
    (d) None of the above

    Answer: (b)

63. Masai tribe mostly found in
    (a) Africa
    (b) Canada
    (c) Antarctica
    (d) None of the above

    Answer: (a)

Answer key

Answer key from the U.P. Secondary Education Services Selection Board's official answer key for this sitting. "—" means the key gave none.

Geography

1	**(a)**	2	**(a)**	3	**(a)**	4	**(c)**	5	**(b)**	6	**(c)**	7	**(b)**	8	**(a)**
9	**(a)**	10	**(a)**	11	**(c)**	12	**(b)**	13	**(b)**	14	**(c)**	29	**(a)**	30	**(c)**
31	**(b)**	32	**(b)**	33	**(b)**	34	**(c)**	35	**(b)**	36	**(a)**	37	**(d)**	38	**(a)**
39	**(d)**	40	**(a)**	41	**(b)**	42	**(a)**	43	**(b)**	44	**(b)**	45	—	46	**(d)**
47	**(a)**	48	**(b)**	49	**(d)**	50	**(a)**	51	**(a)**	52	**(d)**	53	**(a)**	54	**(a)**
55	**(a)**	56	**(a)**	57	**(b)**	58	**(b)**	59	**(a)**	60	**(b)**	61	**(b)**	62	**(b)**
63	**(a)**														