

General Instructions

1. Section A is compulsory. All questions from Section A are to be attempted.
2. Answer any two questions from Section B, answer any two questions from Section C and Section D. The intended marks for questions or parts of questions are given in brackets.

SECTION - A

Attempt all questions from this Section.

Question 1

Study the extract of the Survey of India Map Sheet No. 45 D/ 7 and answer the following questions.

(a) What are the conventional signs located at the points, the six-figure grid references of which are:

- i. 992824
- ii. 989775. [2]

(b) What is the area (in square kilometres) of the region enclosed by Eastings 92 and 96; Northings 78 and 82? [2]

(c) What is the compass direction of Bantawada (9978) from Arniwada (9481)? [1]

(d) Give a reason, why the streams in grid square 9478 do not join the river? [1]

(e) Generally, in which direction does the Balaram Nadi flow? Which bank of the main river does it join? [2]

(f) What special feature is depicted by the contour pattern in the following grid squares?

- i. 9185;
- ii. 9785;
- iii. 9977. [3]

(g) Name the geographical feature represented by the brown dots in the southern region of the map extract. [1]

(h) Why is there no habitation in the North-West Corner of the map? [1]

(i) In what way is the pattern of settlement in grid square 9886 different from that in grid square 9580? [1]

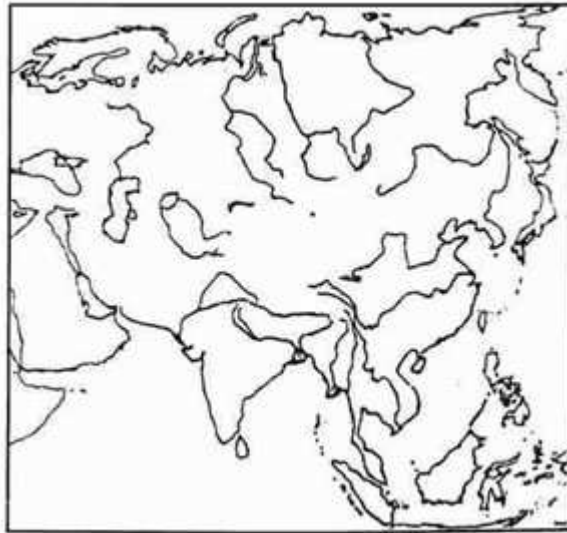
- (j) Measure in kilometres the length of the cart-track linking Arniwada to Juvol from the point, the six-figure grid reference of which is 944816 to the point grid reference of which is 923826. [1]
- (k) What difference do you observe in the pattern of drainage in grid square 9684 and the drainage in grid square 9782? [2]
- (l) In grid square 9379, there is the number 217. What does this indicate? [1]
- (m) What is the general land use of:
- Uneven ground,
 - Even ground? [2]

SECTION - B

Attempt any two questions from this Section.

Question 2

On the outline map of Asia provided:

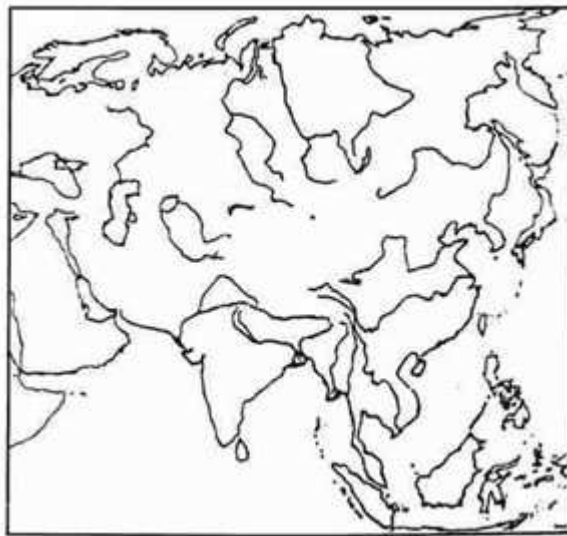


- (a) Mark and name the Caucasus Mountains. [1]
- (b) Mark and label the river Irrawaddy. [1]
- (c) Shade and name the Sea of Okhotsk. [1]
- (d) Mark and name the Kunlun Mountains. [1]

- (e) Shade and name the Northern Lowlands. [1]
- (f) Shade and label the Caspian Sea. [1]
- (g) Shade and name the Deccan Plateau. [1]
- (h) Mark and name the river Ob. [1]
- (i) Shade and name the country Japan. [1]
- (j) Mark and name the Great Plain of China. [1]

Question 3

On the outline map of Asia provided:

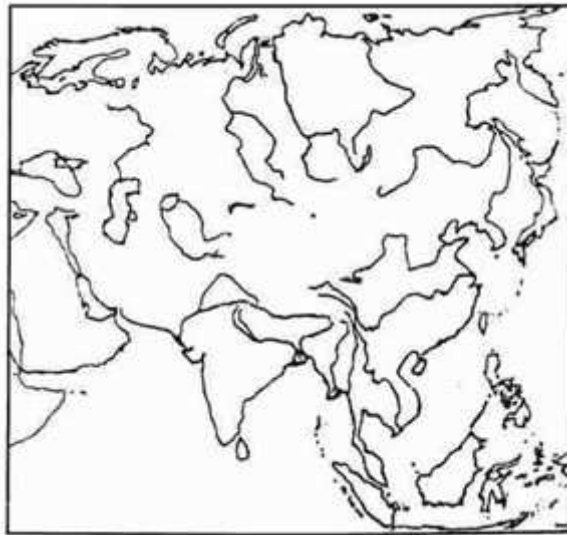


- (a) Shade and label the Philippines. [1]
- (b) Mark and name the Euphrates River. [1]
- (c) Mark with a bold line and label the Elburz Mountains. [1]
- (d) Shade and label the Tarim Basin. [1]
- (e) Mark with an arrow and label Vietnam. [1]
- (f) Label the river Lena. [1]

- (g) Shade and name the South China sea. [1]
- (h) Mark and name the Arakan Yoma range. [1]
- (i) Print MN over an area which has a Monsoon type of climate. [1]
- (j) Print JV over Java. [1]

Question 4

On the outline map of Asia provided:



- (a) Mark in brown and name the Ural Mountains. [1]
- (b) Label the river Indus. [1]
- (c) Shade and label the Arabian Sea. [1]
- (d) Label the river Mekong. [1]
- (e) Indicate with an arrow and name the island of Borneo. [1]
- (f) Print CONIFEROUS over an area where this type of forest covers a large territory. [1]
- (g) Mark and name the plateau of Iran. [1]
- (h) Mark with a dot and name Singapore. [1]

(i) Shade and label the largest region of Hot desert type of climate. [1]

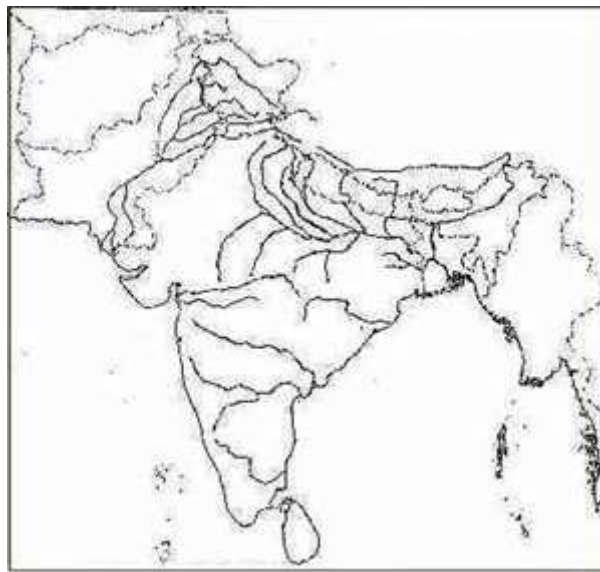
(j) Shade and name the Indo-Gangetic Plain. [1]

SECTION - C

Attempt any two questions from this Section.

Question 5

On the outline map of the Indian sub-continent provided:



(a) Shade and name the Rann of Kutchh. [1]

(b) Mark and name the Nilgiris. [1]

(c) Mark and label the Narmada river. [1]

(d) Shade and label the Aravalli Hills. [1]

(e) Mark and name the Bombay High Oil Field. [1]

(f) Shade an area of rubber cultivation in India. [1]

(g) Mark and name a coalfield in Orissa. [1]

(h) Mark with a dot and name Delhi. [1]

(i) Write SP over an area in North-East India which is sparsely populated. [1]

(j) Mark with a dotted line and name the Tropic of Cancer. [1]

Question 6

(a) Give the latitudinal and longitudinal extent of the Indian sub-continent. [2]

(b) Give two reasons why Jaipur has a higher annual range of temperature than Mumbai. [2]

(c) (i) Which winds are responsible for the rainfall experienced over the greater part of the Indian sub-continent? [1]

(ii) During which months of the year is this rainfall experienced? [1]

(d) (i) What are 'Western Disturbances'? [1]

(ii) Name two states that experience these 'Western disturbances'. [1]

(e) What is meant by Kal Baisakhi? [2]

Question 7

(a)

i. Why is laterite soil unsuitable for agriculture? [1]

ii. Name one state where this soil is found. [1]

(b) (i) Which soil do you associate with the Deccan trap? [1]

(ii) State one of the advantages of this soil. [1]

(c) State two methods of soil conservation. [2]

(d) (i) Name two regions where the Tropical Evergreen Rain Forests are found. [1]

(ii) Name two important trees of this forest. [1]

(e) (i) Name two states in India where Thorn and Scrub vegetation is found. [1]

(ii) In what rainfall conditions are these forests found? [1]

SECTION - D

Attempt any two questions from this Section.

Question 8

(a) Name the months when the Kharif crops are: [1]

- i. Sown,
- ii. Harvested.

(b) (i) Give two geographical requirements for growing Jowar in India. [2]

(ii) Name the state that leads in the cultivation of Jowar. [1]

(c) What two conditions favour the growth of tea in the Nilgiris? [1]

(d) State the soil and water requirements of Jute and name the state which is the leading producer of jute. [2]

(e) (i) Give two main varieties of tobacco cultivated in India. [1]

(ii) Which state is the largest producer of tobacco in India? [1]

Question 9

(a) [2]

1. Name two Iron and Steel Plants which have been set-up in India by two different foreign collaborators.
2. Name the regions from where coal and iron ore are obtained by these two steel plants named by you.

(b) Name the raw materials required for the cement industry. [2]

(c) Name four important products of the Heavy Chemical Industry. [2]

(d) Name one commercial product obtained from each of the following: [2]

- i. Bagasse
- ii. Molasses.

Question 10

(a) Give two reasons why the cotton textile industry has developed around Mumbai. [1]

(b) State one town famous for each of the following cottage industries: [1]

- i. Woollen shawls

ii. Bidriware.

(c) Name two states where tube-wells are used extensively. [2]

(d) Name two important canal systems each in U .P. and Punjab. [2]

(e) Name the four important dams of the Damodar Valley project. [2]

(f) (i) Mention two non-conventional sources of power. [1]

(ii) Name two centres of nuclear power generation in India. [1]