

Rajasthan Board Class 12 Geology 2026 Question Paper

Time Allowed :3 Hours 15 minutes

Maximum Marks :80

Total Questions :14

General Instructions

Read the following instructions very carefully and strictly follow them:

1. Candidate must write first his/her Roll No. on the question paper compulsorily.
2. All the questions are compulsory.
3. Write the answer to each question in the given answer-book only.
4. In Section A, candidates are required to answer all questions. The questions will cover topics from ancient, medieval, and modern history as prescribed by the syllabus.
5. Section B consists of elective questions. Candidates are required to attempt questions from the chosen topic according to the provided options.
6. The questions in Section A will be in the form of multiple-choice, short answer, and essay-type questions.
7. Use of unfair means or electronic devices during the examination is strictly prohibited.

Section - A

1(i). The main microorganism present in the soil is

- (A) Sulfur
- (B) Bacteria
- (C) Cytokinesis
- (D) Gibberellins

1(ii). The percentage of nitrogen in farm yard manure is

- (A) 0.3 to 0.7
- (B) 0.9 to 2.0
- (C) 2.1 to 2.9
- (D) 3.0 to 3.9

1(iii). The water demand of wheat crop in millimeters is

- (A) 700-1300
- (B) 500-800
- (C) 1500-2500
- (D) 450-650

1(iv). An example of a broad-leaved weed is

- (A) Motha
- (B) Doob grass
- (C) Bathua
- (D) Wild oats

1(v). Zea mays L. is a botanical name of

- (A) Sorghum
- (B) Maize
- (C) Pearl millet
- (D) Wheat

1(vi). Durgapura white variety for dry farming is related to

- (A) Guar
- (B) Pigeon pea
- (C) Sorghum
- (D) Moth bean

1(vii). The disease caused by deficiency of Vitamin D is

- (A) Beri-Beri
- (B) Scurvy
- (C) Rickets
- (D) Pellagra

1(viii). The amount of Vitamin C found in 100 grams of edible part of mango fruit is

- (A) 10 mg
- (B) 13 mg
- (C) 30 mg
- (D) 35 mg

1(ix). The names of the method adapted for propagation of ber is

- (A) Chip budding
 - (B) Patch budding
 - (C) Top working
 - (D) Shield budding
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1(x). The size of the pit for planting big fruit trees is kept as

- (A) $50 \times 50 \times 50$ cm
 - (B) $75 \times 75 \times 75$ cm
 - (C) $1 \times 1 \times 1$ m
 - (D) $25 \times 25 \times 25$ cm
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1(xi). Dasheri is a variety of

- (A) Ber
 - (B) Mango
 - (C) Papaya
 - (D) Banana
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1(xii). The total soluble solids content of the prepared jam is checked by

- (A) Lactometer
 - (B) Butyrometer
 - (C) Refractometer
 - (D) Jellymeter
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1(xiii). Which of the following is a dual purpose breed of cow?

- (A) Gir
 - (B) Rathi
 - (C) Sindhi
 - (D) Haryana
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1(xiv). The percentage of fat in the milk of Bhadawari buffalo is

- (A) 12 - 14
 - (B) 7 - 9
 - (C) 4 - 5
 - (D) 6 - 7
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1(xv). The disease caused by Bacillus anthracis bacteria is

- (A) Rinderpest
 - (B) Black quarter
 - (C) Anthrax
 - (D) Foot and mouth disease
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1(xvi). The disease which affects the udder and teats of an animal

- (A) Surra

- (B) Mastitis
 - (C) Tick fever
 - (D) Enterotoxemia
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1(xvii). India's percent share in world milk production is

- (A) 14.5
 - (B) 16.5
 - (C) 18.5
 - (D) 19.5
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1(xviii). National mission on traditional agriculture was launched in the

- (A) Year 2015-16
 - (B) Year 2017-18
 - (C) Year 2005-06
 - (D) Year 2011-12
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2(i). The term "organic farming" was first used by a scientist named _____.

2(ii). The operations done on the soil before sowing the seeds are called _____ tillage.

2(iii). _____ to _____ percent volatile oil is found in cumin.

2(iv). The absence of rain or its very small amount is called _____.

2(v). Mango is a plant of the _____ family.

2(vi). Sodium benzoate chemical is used as a _____ in fruit preservation.

2(vii). Generally, the direction of length of the cattle shed should be from _____ to _____ direction.

2(viii). Vechur breed is also known as _____ cow.

2(ix). In haemorrhagic septicaemia disease the animal suffers from high fever upto _____ °F.

2(x). The average milk production of an Indian cow in one year is _____ kg.

3(i). Write the formula to find the germination percentage of seeds.

3(ii). Write any one example of biofertilizer.

3(iii). Write any one example of mixed cropping.

3(iv). Write any one principle of crop rotation.

3(v). Write the botanical name of coriander.

3(vi). Based on W.H.O. recommendation, how many grams of fruits should a person consume at least per day?

3(vii). Draw a diagram of patch budding.

3(viii). Write the origin place of papaya.

3(ix). Write the names of any two suitable fruits for preparing “Jelly”.

3(x). Where is the headquarters of National Dairy Development Board located?

Section - B

4. Write any three types of water erosion of soil.

5. Write any three advantages of vermicompost.

6. Write any three advantages of drip irrigation method.

7. Write the names of any three agronomical methods of weed control.

8. Define grafting and draw a diagram of Veneer grafting.

9. Write any three points of management of animal housing.

10. Write the place of origin and any two characteristics of “Malvi” breed of cow.

11. Write any three general characters of healthy animal.

12. Write any three measures of prevention and treatment of tick fever disease.

13. Write the age, quantity and place of administering F. M. D. vaccine to animals.

Section - C

14(i). Write a short note on the following plant growth regulator: Auxin.

14(ii). Write a short note on the following plant growth regulator: Gibberellins.

14(iii). Write a short note on the following plant growth regulator: Cytokinins.

14(iv). Write a short note on the following plant growth regulator: Ethylene.

15(a). Describe in detail the method of preparing “Jam”.

15(b). Describe in detail the method of preparing “tomato sauce”.

16(a). Write the place of origin and distribution, characteristics and utility of “chokla” breed of sheep.

16(b). Write the place of origin and distribution, characteristics and utility of “Merino” breed of sheep.

Section - D

17. Describe the scientific cultivation of groundnut crop on the basis of following points:

- (i) Climate
 - (ii) Seed rate and seed treatment
 - (iii) Four improved varieties
 - (iv) Plant protection.
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17(OR). Describe the scientific cultivation of potato crop on the basis of following points:

- (i) Climate
 - (ii) Seed rate and seed treatment
 - (iii) Four improved varieties
 - (iv) Plant protection.
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18. Describe the scientific cultivation of Banana on the basis of following points:

- (i) Soil and climate
 - (ii) Four improved varieties
 - (iii) Planting method
 - (iv) Pest and disease.
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18(OR). Describe the scientific cultivation of pomegranate on the basis of following points:

- (i) Soil and climate
 - (ii) Four improved varieties
 - (iii) Planting method
 - (iv) Pest and disease.
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