

**GOVERNMENT OF HIMACHAL PRADESH  
BOARD OF DEPARTMENTAL EXAMINATIONS**

Departmental examination for Other Gazetted Officers of Himachal Pradesh.  
**November 2024**

**Paper No. 3: Acts and Rules of Agriculture Department**

**Maximum Marks: 100**

**Time : 3 Hours**

**Note:**

- (1) Attempt any five questions
  - (2) All questions carry equal marks
  - (3) Reference books of Bare Acts, Rules and Orders are allowed.
- Quoting of relevant section/rule/clause is mandatory.

**XXXXXXXXXXXX**

- Q.1(a)** Role and Functions of Commission on Agriculture Costs and Prices. (10)  
**(b)** Provide information on Seed Replacement Rates and Varietal Replacement Rates in percentage for year 2022-23 and 2023-24 in respect of Maize, Paddy, Wheat and Barley crops. (10)
- Q.2(a)** What is Agriculture Infrastructure Fund. Brief about implementation period of scheme. (10)  
**(b)** What is Government Budgetary support under AIF scheme. (10)
- Q.3(a)** Name different Agro Climate Zones of HP. (10)  
**(b)** Give details about percentage of net cropped area and major crops being grown in different zones. (10)
- Q.4** Write short note on the following ( any four)  
**(a)** Mandate of Department of Agriculture in HP.  
**(b)** Name components under RKVY Umbrella scheme for H.P.  
**(c)** Himachal Pradesh Crop Diversification Promotion Project-JICA-Phase-II  
**(d)** Integrated Nutrient Management .  
**(e)** Duties of PIO under RTI Act, 2005. (5x4)
- Q.5** Name one major disease /insect of following crops affecting the crop yields in H.P. and control measures thereof (any four).  
**(a)** Wheat  
**(b)** Maize  
**(c)** Potato  
**(d)** Tomato  
**(e)** Peas (5x4)

- Q.6(a) What is organic farming. Brief about organic standards and certification system being followed. (10)
- (b) What is Natural Farming . Mention its principles and products being used in promoting Natural Farming. (10)
- Q.7(a) Pesticide sampling and procedure to be followed by Pesticide Inspector mentioning the Section/ Clause of relevant act. (10)
- (b) Who is the Notified Authority for registration of dealers for retail Business of fertilizers. Describe the powers of Fertilizer Inspector. (10)
- Q.8(a) Describe the procedure to obtain Seed Dealer License in HP. depicting the relevant section/ sub section/ clause for application and grant of seed license. Name Licensing Authority for issue of seed license in H.P. (10)
- (b) Describe the procedure to be followed by Seed Inspector for sampling of any seed of notified kind or variety under Seed Act. (10)

# Board of Departmental Examination

## Paper No. – 3

### RULES AND ACTS FOR TECHNICAL OFFICERS OF ANIMAL HUSBANDRY DEPARTMENT

(Session November 2024)

Time Allowed – 3 hours

Max. Marks-100

Note: (i) Books titled “Veterinary Jurisprudence” by S.N.Sharma and all Rules & Acts pertaining to the Department of Animal Husbandry are allowed.

(ii) Attempt any five questions. All questions carry equal marks.

Q NO.	Part	Question	Marks
I	Write short notes on		
	(i)	Potential of pig farming in Himachal Pradesh.	5
	(ii)	Importance of livestock rearing for boosting rural economy,	5
	(iii)	Clean milk production.	5
	(iv)	Code of Ethics for Veterinarians as prescribed under the Indian Veterinary Council Act 1984.	5
II.	Discuss the following		
	(i)	What are the important dairy characters for while selecting a cow for milk production? Explain in detail	10
	(ii)	Feeding schedule for a jersey cow in second lactation, calved one month back, yielding 12 lits of milk per day.	10
III	Attempt any two (each part carries 10 marks) :		
	(i)	Give brief account of fodder resources available in Himachal. Suggest steps for improvement cultivated as well as grassland resources.	10
	(ii)	Enlist reasons for stray cattle menace in Himachal and suggest remedial measures for overcoming the problem.	10
	(iii)	Vaccination schedules for (a) Cattle and buffalo (b) Sheep & Goat (c) Dogs	10
IV	Attempt any two		
	(i)	Discuss steps to bring down cost of milk production, handling and marketing in Himachal.	10
	(ii)	What are the factors responsible for change in fat percentage of milk? Discuss.	10
	(iii)	Give an account on cleaning and sanitation of dairy equipment	10

V	Give an account of :		
	(i)	Ongoing Govt of India schemes in the Department of Animal Husbandry in the state of H.P.	10
	(ii)	Ongoing State Schemes in the Department of A.H.	10
VI	(i)	Prepare an economic feasibility report for a dairy unit of 10 Jersey cross bred cows OR a broiler unit of 5000 birds.	10
	(ii)	Citizens' charter of the Department of Animal Husbandry in Himachal Pradesh.	10
VII	(i)	What is sex sorted semen? What technique is used for sorting it? Discuss the pros and cons of its mass scale usage in Bovine Breeding in the state.	10
	(ii)	Scope for value addition to various livestock products and their branding.	10
VIII	Answer any two parts. Each part carries 10 marks		
	(i)	How would you conduct a Post mortem examination in a cow suspected for malicious poisoning?	10
	(ii)	How would you prepare a master plan for implementing a stray animal (dog) birth control program?	10
	(iii)	What all steps would you take to solve the problem of repeat breeding in cattle in your area of jurisdiction?	10

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**HP BOARD OF DEPARTMENTAL EXAMINATION  
HIMACHAL PRADESH**

**SESSION: November, 2024**

**PAPER No. 03: RULES AND ACTS FOR DIRECTORATE OF FORENSICS SERVICES  
(TECH.) (WITHOUT BOOKS)**

**TIME ALLOWED: 3 HOURS**

**MAXIMUM MARKS: 100**

**NOTE:**

1. There are total nine questions.
2. Attempt five questions only. One question each from section A, B, C, D and Section-E is compulsory.
3. All questions carry equal marks.

**SECTION-A**

I Write note on:

- (i) Human trafficking
- (ii) POCSO Act
- (iii) UV-Visible spectrometry
- (iv) LIMS

(4x5=20)

II Discuss the followings:

- (i) Crime scene reconstruction
- (ii) Role of forensics in disaster management
- (iii) FTIR
- (iv) Daubert standard

(4x5=20)

**SECTION-B**

III Define DNA Profiling? Explain the method of extraction of DNA from hardest tissue in the body. (20)

IV Define dry drowning. Discuss the method of extraction of diatom from sternum bone. (20)

**SECTION-C**

V

- (i) "Trace evidence at the scene of crime plays pivotal role in linking crime to criminal" comment upon the statement. (10)
- (ii) Explain the importance of digital foot prints in solving mysteries of crime with suitable example. (10)

PTO

VI Write note on the followings:

- (i) Plastic money
- (ii) Skid marks
- (iii) Low explosives
- (iv) Tattooing

(4x5=20)

#### SECTION-D

VII Discuss the followings:

- (i) Flash point
- (ii) Hallucinogens
- (iii) Seat of fire
- (iv) Trap cases

(4x5=20)

or

VIII Define Environmental Forensics. Discuss the role and responsibilities of forensic scientists towards the safer environment.

(20)

#### SECTION-E

IX Write short note on the followings:

- (i) Measurement of uncertainty
- (ii) Standard deviation
- (iii) Internal audit
- (iv) Latent finger prints
- (v) NDPS Act, 1985
- (vi) Fiber evidence
- (vii) Time since death
- (viii) LVA
- (ix) Effluents
- (x) Write blockers

(2x10=20)

**Board of Departmental Examination, Himachal Pradesh**  
**Departmental Examination** **November, 2024**

Paper No. 3: Acts and Rules for Technical Officers of Horticulture Department.

Time Allowed- 3 Hrs

Max. Marks - 100

- Note: 1. Attempt any five questions in all.  
2. Question No.2 is compulsory.  
3. All questions carry equal marks  
4. Books are not allowed; only bare Acts/ Rules are allowed in the Examination Hall.

**Q.1** What is the impact of weather vagaries on horticulture crops in Himachal Pradesh? Describe in brief the schemes and programmes of Horticulture Department that assist farmers in protecting their crops against weather vagaries.

OR

Describe the procedure for obtaining and renewal of nursery license under 'The HP Fruit Nurseries Registration & Regulation Act 2015'. What are the powers of State Government to prohibit or regulate the bringing into and taking out the state fruit plants.

(1 x20)

**Q.2.** What are the rationale behind HPSHIVA Project. Enlist the objectives, components, crops selected, outputs and outcomes of the project

OR

What are the precautions needed to be taken with regard to the use of pesticides? Enlist ten pesticides that are banned for use in India. Describe the colour codes used to indicate the toxicity of a pesticide.

(1x20)

**Q. 3. Write short notes on any four of the following:**

(4x5)

- i. E-udyan portal
- ii. Progeny cum Demonstration Orchard Concept
- iii. Procedure for Leaf sample collection and time for Nutritional Analysis.
- iv. Crop regulation in Guava
- v. Short method of mushroom composting
- vi. Implication of climate change in Horticulture

**Q. 4. Write a brief note on any four of the following:** (4x5)

- i. Market Intervention Scheme for fruits
- ii. Technology dissemination through Front Line Demonstrations (FLDs)
- iii. Role of Fruit Canning Units of Horticulture Department
- iv. Importance of Diversification in Horticulture
- v. Role and responsibilities of PIO under RTI Act- 2005
- vii. PMKSY- Per Drop More Crop

**Q. 5. Differentiate between any four of the following:** (4x5)

- i. Pollinator and Pollinizer
- ii. Stationary and migratory beekeeping
- iii. Seedling and clonal rootstocks
- iv. Cold store and CA store
- v. Budding and grafting
- vi. Naturally ventilated and Hi -Tech Poly house

**Q.6 Attempt any two of the following:** (2x10)

- i. Enlist the Services of Horticulture Department covered under Himachal Pradesh Public Service Guarantee Act, 2011.
- ii. Enlist the duties and powers of Insecticides Inspector under Insecticides Act 1968.
- iii. Enlist the State plan and centrally sponsored schemes being implemented by the Department of Horticulture.
- iv. Enlist different items covered for assistance under Post Harvest Management Component of MIDH scheme.



H.P Board of Departmental Examination  
Paper No. 3 Rules and Acts for Forest Department (Technical)

November, 2024

Maximum Marks: 100

Time Allowed: 3 hours

1. Attempt any five (5) questions.
2. Quote relevant Rules, Section of law wherever applicable.
3. Bare Acts, Rules, Forest Manual, reference books are allowed.
4. Mobile phones are not allowed.

Q.1 Write short notes on following: -

- (i) According to Forest (Conservation) amendment Act 2023, what is the amendment of section 1 and after insertion of new section 1 A, what type of land shall be covered under the provision of this act, please explain?
- (ii) Salient features of Forest Right Act 2006. What measures are needed to be taken up by DFO to prevent its misuse.
- (iii) Eviction of unauthorized occupant and disposal of property left on public premises under HP Public Premises and Land (Eviction and Rent Recovery) Act 1971.
- (iv) Please explain public accounts Committee and Estimate Committee.  
or
- (v) Rill method of resin tapping

(4x5=20)

Q2. Write Short notes on any four (4) of following: -

- (i) H.P. Forest Policy 2005
- (ii) Himachal Pradesh Forests (Timber distribution to Right holders) Amendment Rules 2016
- (iii) GeM Portal
- (iv) Ecotourism
- (v) Cognizable offence

(4x5=20)

Q3. Explain briefly any four (4) of the following: -

- (i) Section 17c of the Wild Life Protection Act 1972
- (ii) Section 28 of the Wild life Protection Act 1972
- (iii) National Wild life Board
- (iv) Ten-year Felling Program (under HP Land Preservation Act 1978) from Private land not classified as Forest.
- (v) Felling Program from Private Land classified as Forest

(4x5=20)

Q4. Differentiate between any five: -

- (i) Forest Clearance and Environment Clearance
- (ii) Service gratuity and Retirement gratuity
- (iii) Starred and unstarred Assembly questions
- (iv) National Park and Wild life Sanctuary
- (v) Stock Map and Treatment Map
- (vi) Conservation reserve and Community Reserve

(5x4=20)

Q5. Write down the Sections, name of the Act/ Rule applicable to following: -

- (i) Cultivation of specified plants without license prohibited.
- (ii) Standing Committee of National Board for wild life
- (iii) Seizure of Forest Produce and other articles etc.
- (iv) Bar on booking of Forest Produce by rail, by post and by air
- (v) Power to impose duty on timber and other forest produce
- (vi) Power to release property seized under section 52
- (vii) Power to arrest without warrant
- (viii) Transportation of forest produce with property mark
- (ix) Definition of Resin Depot and Resin Products
- (x) Registration of tapper or seller or purchaser of Resin and manufacturer of Resin Products

(10x2=20)

Q6. Differentiate between any five (5): -

- (i) Audit para and PAC
- (ii) Biological Hot spot and Critical Hotspot
- (iii) Fee and Honorarium
- (iv) Charged expenditure and voted expenditure
- (v) Censure and Minor Penalty
- (vi) Dies non and leave not due

(5X4=20)

Q7. Attempt any two: -

- (i) Define types of minor penalties and explain the procedure for imposing a minor penalty?
- (ii) Relevant sections of the Arbitration and Conciliation Act, 1996 for filing objections to the Arbitral Award and for enforcement of Arbitral Award.
- (iii) Note on Fundamental Canons of Financial Propriety.

(2x10=20)

# HP Board of Departmental Examination

## Other Gazetted Officers of Himachal Pradesh

### Paper No 3- Rules and Acts for Language and Culture Department

November, 2024

Note: i. Attempt any five questions. All questions carry equal marks.

ii. No Acts, Rules and other reference books allowed

Time allowed- 3 Hours

Maximum marks-100

**Q.1.** The Himachal Pradesh Official Language Act of 1975 establishes Hindi as the official language of Himachal Pradesh. What steps have been taken by the H.P. Government to introduce Hindi in government and semi- government offices? What better steps can be taken in your opinion?

20 Marks

**प्रश्न 1.** हिमाचल प्रदेश राजभाषा अधिनियम 1975 हिंदी को हिमाचल प्रदेश की आधिकारिक भाषा के रूप में स्थापित करता है। हिमाचल प्रदेश सरकार ने सरकारी और अर्ध-सरकारी कार्यालयों में हिंदी लागू करने के लिए क्या कदम उठाए हैं ? आपकी राय में क्या बेहतर कदम उठाए जा सकते हैं?

20 अंक

**Q.2. (a)** What do you understand by Public Records and Records Officer as per The



Himachal Pradesh Public Records Act, 2006. What are the powers, functions and responsibilities of a Record Officer?

20 marks

प्रश्न 2. हिमाचल प्रदेश सार्वजनिक अभिलेख अधिनियम, 2006 के अनुसार सार्वजनिक अभिलेख और अभिलेख अधिकारी से आप क्या समझते हैं। एक अभिलेख अधिकारी की शक्तियाँ, कार्य एवं जिम्मेदारियाँ क्या हैं?

20 अंक

Q. 3. What is meant by 'ancient and historical monuments'? Discuss the power of government to declare ancient monuments etc. to be protected monuments and areas in the light of Himachal Pradesh Ancient and Historical Monuments and Archaeological sites and Remains Act, 1976.

20 marks

प्रश्न 3. 'प्राचीन एवं ऐतिहासिक स्मारकों' से क्या तात्पर्य है ? हिमाचल प्रदेश प्राचीन और ऐतिहासिक स्मारक और पुरातत्व स्थल और अवशेष अधिनियम, 1976 के आलोक में प्राचीन स्मारकों आदि को संरक्षित स्मारक और क्षेत्र घोषित करने की सरकार की शक्ति पर चर्चा कर

20 अंक

Q.4. What do you understand by Hindu Public Religious Institutions and Charitable Endowments? What are the powers and functions of the Commissioner as per the Himachal Pradesh Hindu Public Religious Institutions and Charitable Act, 1984? Can a Non-Hindu be

appointed as Commissioner under the said Act?

20 marks

प्रश्न 4 हिंदू सार्वजनिक धार्मिक संस्थाओं और धर्मार्थ बंदोबस्ती से आप क्या समझते हैं? हिमाचल प्रदेश हिंदू सार्वजनिक धार्मिक संस्थान और धर्मार्थ अधिनियम, 1984 के अनुसार आयुक्त की शक्तियां और कार्य क्या हैं? क्या उक्त अधिनियम के तहत किसी गैर-हिंदू को आयुक्त के रूप में नियुक्त किया जा सकता है?

20 अंक

Q. 5 The people of Himachal Pradesh led by their popular political leaders demanded a separate independent state on the grounds of their hilly terrain and distinct culture. Discuss in detail what makes the culture of Himachal Pradesh different from that of the plains?

20 marks

प्रश्न 5 हिमाचल प्रदेश के लोगों ने अपने लोकप्रिय राजनीतिक नेताओं के नेतृत्व में अपने पहाड़ी क्षेत्र और विशिष्ट संस्कृति के आधार पर एक अलग स्वतंत्र राज्य की मांग की। विस्तार से चर्चा करें कि हिमाचल प्रदेश की संस्कृति मैदानी इलाकों से कैसे भिन्न है?

20 अंक

Q.6 Write notes on any two of the following:

i) Antiquities and Art Treasures

ii) Nomad Tribes of Himachal Pradesh

iii) Miniature paintings

iv) Architecture of temples

2x10 =20 marks

**प्रश्न 6** निम्नलिखित में से किन्हीं दो पर नोट्स लिखें:

I) पुरावशेष और कला खजाने

ii) हिमाचल प्रदेश की घुमंतू जनजातियाँ

iii) लघु चित्र

iv) मंदिरों की वास्तुकला

2x10 =20 अंक

**Q.7** How many museums and art galleries exist in Himachal Pradesh? Where are they located? What role do they play in preserving culture of the state and imparting education to the coming generations?

20 marks

**प्रश्न 7.** हिमाचल प्रदेश में कितने संग्रहालय और कला दीर्घाएँ मौजूद हैं? वे कहाँ स्थित हैं? राज्य की संस्कृति को संरक्षित करने और आने वाली पीढ़ियों को शिक्षा प्रदान करने में उनकी क्या भूमिका है?

20 अंक

**Q. 8** Discuss the different forms of folk dance, folk song and folk drama prevalent in Himachal Pradesh.

20 marks

प्रश्न 8 हिमाचल प्रदेश में प्रचलित लोक नृत्य, लोक गीत और लोक नाटक के विभिन्न रूपों पर चर्चा करें ।

20 अंक

Q. 9. What steps are being taken by the Language and Culture Department and Academy for the development of Pahari language in Himachal Pradesh? Discuss the original script of Pahari language. What script is being used by the present day writers for their creative Pahari literature?

20 marks

प्रश्न 9. हिमाचल प्रदेश में पहाड़ी भाषा के विकास के लिए भाषा एवं संस्कृति विभाग तथा अकादमी द्वारा क्या कदम उठाए जा रहे हैं? पहाड़ी भाषा की मूल लिपि की चर्चा करें। आजकल के लेखक अपने रचनात्मक पहाड़ी साहित्य के लिए किस लिपि का प्रयोग कर रहे हैं?

20 अंक

Q.10. Write short notes on any four of the following:

- i) Bhunda festival
- ii) Sair festival
- iii) Lavi fair
- iv) Gugga Naumi festival
- v) Minjar Fair
- vi) Haryali festival

4x5=20 marks



प्र.10. निम्नलिखित में से किन्हीं चार पर संक्षिप्त टिप्पणियाँ लिखें:

i) भुंडा उत्सव

ii) सायर उत्सव

iii) लवी मेला

iv) गुग्गा नौमी उत्सव

v) मिंजर मेला

vi) हरियाली त्योहार

4x5=20 अंक

**HIMACHAL PRADESH BOARD OF DEPARTMENTAL EXAMINATION**  
**DEPARTMENTAL EXAMINATION OF GAZETTED OFFICERS OF PWD/JSV/HB/PR/HPSIDC**

**Session: November, 2024**

**Paper 3: Rules and Acts for Housing Board, JSV, PWD, Panchayati Raj and HPSIDC**

Time allowed 3 Hours

Maximum Marks 100

Note:- 1. Attempt all questions

2. Books, Codes, Specification Books, Manuals and Acts are allowed

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1. Write brief note on any five of the following (each has 4 marks) 20 marks
  - i) Bidding capacity
  - ii) Secured advance and mobilisation advance
  - iii) Quality control and quality assurance
  - iv) Deviation on tendered amount
  - v) Explain Major, Sub-Major, Minor, Sub-Head, Detailed and Object Heads, allotment of Code to each Major Head and range of Code numbers
  - vi) Cash Book (explain Upkeep, Balancing, Rectification of errors, Cash verification, Cash imprests and Temporary advances)
  - vii) Standard forms of contract and Forms of bills & vouchers for works
  
2. Write brief note on any five of the following (each has 4 marks) 20 marks
  - i) Documentation of Accounts of a work viz Bill register, Contractor's ledger, Register of works
  - ii) Procurement of stores as per GFR and maintenance of stores as per CPWD Ledger
  - iii) Extension of time, Rescheduling of milestones and imposition of compensation for delays under the agreement of contract
  - iv) Asset register, physical verification of stores and its necessity
  - v) Define these terms a) Book Transfer, b) Appropriations and Reappropriation, c) Contingencies (Works), d) Deposit Works
  - vi) Define these terms a) Direct and Indirect Charges, b) Direct and Indirect Receipts, c) Suspense Accounts, d) Earnest Money
  
3. Write note on any four the following: (each has 5 marks) 20 marks
  - i) The Land Acquisition (HP Amendment) Act
  - ii) The Forest (Conservation) Amendment Bill
  - iii) The Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act
  - iv) The Workmen's Compensation Act
  - v) The Town and Country Planning Act
  - vi) The HP Roadside Land Control Act
  - vii) HP Essential Services Maintenance Act
  
4. Write note on any four the following: (each has 5 marks) 20 marks
  - i) PMKSY, AMRUT
  - ii) PMGSY, NDRF, MGNREGS

- iii) GST and Input Tax Credit
- iv) Urban Rent Control Act
- v) HP Water Supply Act
- vi) HP Housing Board Act
- vii) The Control of National Highway (Land and Tariff) Act, 2022

5. Write note on any four the following: (each has 5 marks)

20 marks

- i) Challenges in Planning and Development in Himachal Pradesh in view of the effects of Climate Change
  - ii) Single line administration and its role in the development of Tribal Areas of HP
  - iii) The HP Ground Water Reregulation and Control of Development & Management Act
  - iv) The HP State Water Policy
  - v) The HP Road Construction Policy
  - vi) The Disaster Management Act 2005
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**HIMACHAL PRADESH BOARD OF DEPARTMENTAL EXAMINATION**  
**ATAL BIHARI VAJPAYEE INSTITUTE OF MOUNTAINEERING AND ALLIED SPORTS**

**Departmental Examination Paper 3**

Session: November, 2024      Time Allowed: Three Hours Maximum Marks: 100

1. Attempt any two questions from Part-I and three questions from Part-II.
2. All questions carry equal marks.
3. Use of standalone calculator is allowed.
4. Only Bare Acts, Approved Reference Books, Rules and notifications of the Government are allowed.

**Part-I**

**Q1. (a)** Give one example each of **Liquid Fuels** and **Compressed Gas Canister Fuels**. Also highlight one advantage and one disadvantage of each fuel you mention. **(05)**

**(b)** Enlist the "**Ten Essentials**" to carry for a Mountaineering trip. **(05)**

**(c)** What are the principles of clothing in Mountaineering? Explain in brief the methods of layering and the fabrics best suited for each layer of clothing. **(10)**

**Q2.** Answer the following:

- a) Mention 5 tips for selecting a safe route while snow travel. **(05)**
- b) Write a detailed note on "**Using Avalanche Rescue Transceivers**". **(10)**
- c) Alpine climbers often encounter short sections of ice or frozen snow. Sometimes they are not carrying crampons. **Mention briefly any 3 techniques for traversing ice patches without crampons.** **(05)**

**Q3.** Describe the process and purpose of snow-pit observations. How can analyzing the pattern of layering in a snow pit help climbers assess the avalanche risk? What are the limitations of this method compared to the Rutschblock and tap tests? **(20)**

**Q4.** Write short notes on the following:

**(a)** **SRENE** Anchor System

**(b)** Belaying on snow

**(c)** Principal prusiking method for self-rescue

**(d)** Runners/ Slings

**(20)**

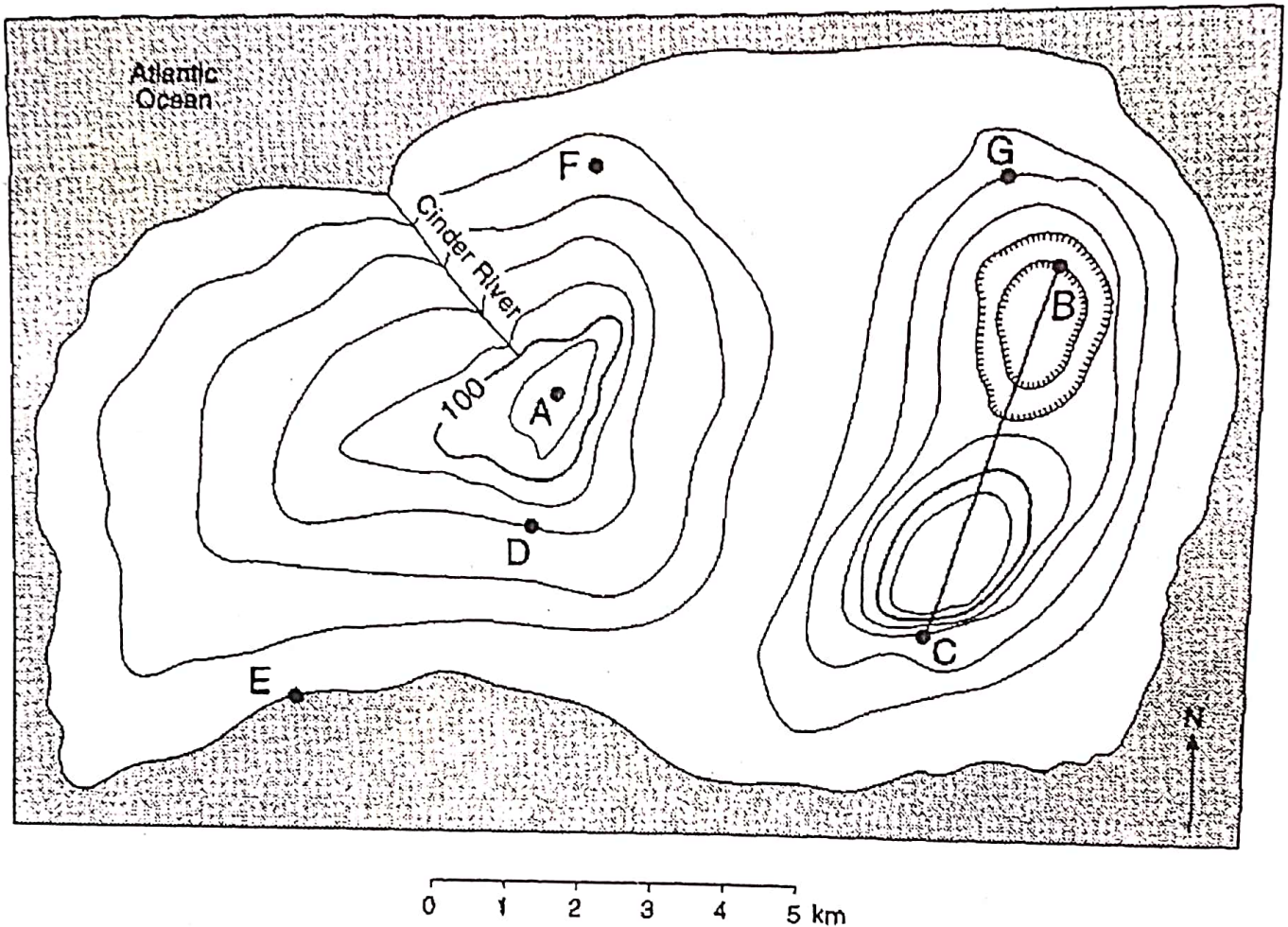


## Part-II

Q5. (a) What are the advantages of drawing a map to scale?(05)

(b) Use the following topographic map to answer questions 1-4.

Point A through G represent locations on the map.(15)



- (i) Which point is located on the steepest slope?
- (ii) Cinder River flows in which direction?
- (iii) What is the contour interval for this map?
- (iv) Which two points on the map have the same elevation?

Q6. (a) List 5 important techniques to avoid traversing through "Brush". (05)

(b) What is **Physical Conditioning**? Describe the key components of to achieve fitness in mountaineering. (15)

Q7. (a) Write a note on **Classification of Hypothermia**? Comment on management and prevention of Hypothermia. **(10)**

(b) Describe the following terms: **(10)**

(i) Snow Blindness

(ii) HAPE

(iii) Acute Mountain Sickness

(iv) Acclimatization

Q8. Write detailed notes on the following:

(i) What is an **Altimeter**? How do altimeters aid mountaineers? **(10)**

(ii) Compare the advantages of using a GPS device for navigation over a smartphone. **(10)**

Q9. (a) Give brief answers to the following:

i. List at least 5 points of the "Climbing Code". **(05)**

ii. Write a short note on 'Rules of good conduct in Mountaineering'. **(05)**

(b) Write a brief note on principles to follow while setting up camp/tent in snow. **(10)**

**DEPARTMENTAL EXAMINATION FOR GAZETTED OFFICERS OF YSS**  
**DEPARTMENT OF HIMACHAL PRADESH**  
**RULES & ACT FOR YOUTH SERVICES & SPORTS**

**Paper:3**  
**Time :3 hours**

**November 2024**  
**Maximum Marks-100**

**Note: Books are not allowed.**

**Instructions : Attempt any SIX questions from Part - A and FOUR from Part - B.**

**All questions carry equal marks.**

**PART- A**

- Q.1. What are the basic principles of working with a youth group? How can the involvement of youth in sports activities be effective. Discuss. (10)
- Q.2. Provide an overview of the formation and evolution of Department of Youth Services and Sports. Was its creation necessary and why ? (5+5)
- Q.3. How financial assistance is given under the Grant-in-Aid rule? What is the purpose of giving the financial assistance to State Sports Associations. Explain. (5+5)
- Q.4. In order to create sports environment in the country, we need to reduce the academic burden and introduction of games and sports in colleges. Do you agree with the given statement and why? (10)
- Q.5. What is the 3% reservation policy for the outstanding sports persons in the state. What is its criteria ? Explain in detail. (5+5)
- Q.6. Describe the purpose of establishment of sports hostels? How to improve the facilities of sports hostels for creating International level players? (5+5)
- Q.7. What is the Constitution of HP Sports Council ? Discuss the procedure for its meetings. (5+5)

**PART-B**

- Q.8. What are the mission and goals for the creation of Youth Board ? How does it work in the state? What activities are undertaken under Youth Board ? (10)
- Q.9. Discuss the ingredients of the Youth Work Camp. What are the provisions for attracting mass participation of general public in this programme? (5+5)
- Q.10. What are the unique challenges and requirements of long and middle distance races? Would you like to strengthen / add / delete any of the provisions of such races? Explain (5+5)
- Q.11. Supposing you are the Organising Secretary of any State level Competition. What factors you will keep in mind for the successful conduct of a same? (10)
- Q.12. (a)Is there any necessity of Synthetic Athletics Tracks and Astroturf for the sportspersons in our state? Give reasons to support your answer.  
(b) Describe the utilisation of Synthetic Athletics Tracks and Astroturf by the Department for benefitting the players from grassroot level. (5+5)