BOARD OF DEPARTMENTAL EXAMINATION DEPARTMENTAL EXAMINATION FOR IAS/HAS OFFICERS

September, 2022

Paper 1 (Criminal Law and Procedure and Code of Civil Procedure for IAS/HAS Officers)

Time allowed – Three hours

ex-parte decree has been passed.

Maximum marks – 100

1 1111	e anowed – Three hours	viaximum maiks — 100
TON	E:(1) Attempt any five questions and at least one from each (2) Questions carry the marks indicated against them.	part.
	(3) Relevant provisions of law be quoted in support of ans	wers.
	PART -I	
Q.1	What are the essential ingredients of the offence of mo	urder? Discuss the difference
Ų.I	between culpable homicide and murder.	(20 marks)
Q.2	Write short notes on the following:	(20 marks)
Q.2	(a) Simple hurt and grevious hurt.	(5 marks)
	(b) Wrongful restraint and wrongful confinement.	(5 marks)
	(c) Abduction and kidnapping.	(5 marks)
	(d) Common intention and common object.	(5 marks)
	PART -II	(5 marks)
Q.3	Explain the provisions of the Code of Criminal Proce	dure for keeping peace for the
Q.5	purpose of preventing offences and briefly discuss the	
	purpose of preventing offences and offerry discuss are	(20 marks)
Q.4	Define public nuisance. Discuss its essentials and sta	
ν .¬	may adopt in dealing with public nuisance.	(20 marks)
Q.5	(a) What is the procedure given in the Cr.P.C. when the	• • • • • • • • • • • • • • • • • • • •
¥	cannot be completed in 24 hours? Explain in detail	
	(b) When a police officer can make arrest without wa	,
	able to accused person after arrest?	(10 marks)
	PART –III	
Q.6	(a) What do you mean by Burden of Proof? On whom	n the burden of proof as to particular
~	fact lies.	(10 marks)
	(b) What do you mean by judicial notice? What are the	
	judicial notice?	(10 marks)
Q.7	What is secondary evidence? When secondary evidence	,
	given.	(20 marks)
	PART -IV	`. '
Q.8	What is res-judicata? What are the essential condition	nsfor res-judicata?
		(20 marks)
N 9	What is an ex-narte decree? Discuss the remedies available	ilable to the defendant against whom

H.P.BOARD OF DEPARTMENTAL EXAMINATION DEPARTMENTAL EXAMINATION FOR IAS/HAS OFFICERS, SEPTEMBER, 2022

Paper No.-2 CRIMINAL CASES

Time Allowed- 3 hours

Maximum marks: 100

Note:- (1) Attempt both questions.

(2) Question carry marks indicated against them.

- Q.No.-1 On 19-01-16, one Kamal Bir Singh lodged a report at Police Station Shimla (East) against Jitinder Kumar S/o Sh. Surjan Singh Kukreja who is having his house above his house. It is alleged that Jitinder Kukreja illegally and unauthorisedly extended his construction over the roof of Kamal Bir Singh (complainant). It is also alleged that Jitinder Kumar often quarrels with him & it is apprehended that it may result in a serious fight with him. After conducting enquiry, the police presented Kalandra u/s 107/150 Cr.P.C. (Mark B1 & B2) against Jitinder Kukreja before Ld. S.D.M. Shimla along with statements mark B3 & B4.
 - (a) On the bases of mark B1 to B4 draw a notice u/s 111 Cr.P.C. (15 marks)
 - (b) Considering mark B1 to B4 to be correct, write a detailed order asking Jitinder Kumar to furnish a bond with one surety of the like amount to keep peace & be of good behavior for one year.

(15 Marks)

(c) Whether S.D.M. Shimla can ask respondent to execute a bond with one surety till enquiry is concluded.

(20 marks)

- Q.No.2 On 7-9-11, at about 3.30 P.M. Vinay Bhagnal & Anish were present at Kotla Nallah Solan (H.P.) where Kuldeep Kumar, Kapil Shandil, Dharmender Thakur & Manjeet Parkash were also present and they voluntarily gave beating to them and caused injuries on their person and also broke the glass panes of their vehicle bearing No.DL-7CC-8657. Through a written complaint, Vinay Bhagnal reported the matter at Police Station Sadar Solan. On this F.I.R. was registered. During investigation spot map was prepared, damaged car was taken into possession, both Vinay Bhagnal & Anish were got medically examined and injuries on their person were found to be simple in nature & Statements of witnesses were recorded u/s 161 Cr.P.C. After completion of investigation challan was presented before the Court.
 - (a) Prepare notice of accusation against all the accused. (10 Marks)
 - (b) As all the accused pleaded not guilty, write statement of accused u/s 313 Cr.P.C. on the bases of annexures A2 to A16.

 (10 marks)
 - (c) All the accused pleaded not guilty. Write a reasoned judgment on the bases of evidence on record i.e. statements of witnesses & exhibits A2 to A16. (30 marks)

Departmental Examination for IAS/HAS officers of Himachal Pradesh

September 2022

Paper -3 Revenue Law and Procedure

Time Allowed: 3 Hours Maximum Marks: 100

Note:-

1. Attempt any five questions. All questions carry equal marks. 2. Quote relevant provisions of law in support of your answers. 3. Bare Acts and Rules can be consulted. 4. More marks means, if relevant provision of law citied.

Question No. I (a) Comment on the following:

- (a) Mutation order neither creates nor extinguishes any rights, then what is its importance?
- (b) Khasra Girdwari is not part of the record of rights, then what is its importance?
- (c) Procedure to be adopted by Revenue officer in case of attestation of mutation, on the basis of unregistered will.
- (d) Relevance of Settlement Operation in the present digital age. 2.5x4= (10)
- (b) What are the Standing Instructions of Financial Commissioner (Revenue) in cases of demarcation, while dealing with encroachment cases or cases dealing with disputes on boundaries?

 (10)

Question No. II (a) Discuss about the various steps taken in "Partition Proceedings" before the Revenue officer, explain which lands are exempted from these proceedings. Briefly describe, how Revenue officer should proceed in title suits?

- (10)

(b) How Revenue officer should proceed, under section 163 of H.P land Revenue Act, 1954, where an encroacher has raised a question of title? - (10)

Question No. III (a) Discuss in detail the procedure for Resumption of Land by a land owner from non-occupancy tenant for self-cultivation under the "H.P Tenancy and Land Reforms Act, 1972".

— (10)

(b) There are many checks and balances, under section 118 of H.P Tenancy and Land reforms Act, 1972, but still the unscrupulous elements of the society manage its violations. As Revenue Officer, suggest ways and means to state government, suggesting strong measures, to avoid any kind of violation of this section in future.

- (10)

Question No. IV Write short notes on the following

IV (I)

- (a) Classes of Revenue Officers.
- (b) Arrest and detention of defaulter by Revenue officer -5x2=(10)

IV (II) What categories are protected under section 104 of the H.P Tenancy and Land Reforms Act, 1972? - (10)

Question No.V (I)

What do you understand by "Permissible Area"? Describe the limits of "Permissible Area" in different parts of Himachal Pradesh, under the H.P Ceiling on Land Holding Act, 1972, which lands have exemption under the Act?

-{15}

V (II) On what grounds an application under Section -5 of the Limitation Act 1963, heard? What is its importance in Appeal Cases? - (05)

Question No.VI Define following terms:

VI (I)

- (a) Benami transaction,
- (b) Benamidar,
- (c) Beneficial owner,
- (d) Fair market value

4x2.5 = (10)

VI (II) Discuss the procedure of "Confiscation and Vesting" of Benami property under the Benami Transaction (Prohibition) Act, 1988 as amended in 2016. - (10)

Question No. VII Explain the following terms:-

- (a) Full blood, Half blood, Uterine blood, Cognate and Agnate.
- (b) Categories disqualified for succession under the "Hindu succession Act 1956".
- (c) Powers of natural guardian under the "Hindu Minority and Guardianship Act", 1956.
- (d) Testamentary succession
- (e) Right of child in womb.

4x5=20

Question No, VIII Distinguish the following terms:-

- (a) Abadi Deh and Gair Mumkin Abadi.
- (b) Occupancy Tenant and Non-Occupancy Tenant.
- (c) Wajib-ul Arz and Riwaz -i -Am.
- (d) Missal Hakiat and Jamabandi
- (e) Standing Record and Annual Record.

4x5- (20)

HP Board of Departmental Examination Departmental Examination of IAS / HAS Officers September 2022

Paper 5

Revenue Case

Time Allowed: 3 hours

Maximum Marks

100

All Acts, Manuals, commentaries can be consulted, in print or on line.

- 1. The current jamabandi of Village Kothi (no 54), Tehsil Kotkhai has 10 shareholders in Khata no. 24. The khasra numbers, area, land classification, distance from road, shares of various shareholders and other relevant details in this Khataare available in Table 1 and 2, given later.
- 2. One of the shareholders, Badri Sain has applied for partition of the joint holding under the provisions of the HP Land Revenue Act, 1954 on 10.01.2021. He has attached all relevant documents for this purpose.
- 3. The AC Grade I, Tehsil Kotkhai follows the procedure laid down in para 14.5 of Chapter 14 of the Land Records Manual as notified on 26th June, 2012, on receipt of the application. Being satisfied that all is in order, the application is admitted for further processing. Summons / proclamation are issued to inform all shareholders as per available addresses andwhatsapp numbers to come present on the next date of hearing. Badri Sain, Narain Das, Hukmi Ram, Savitri Devi and Kangu Devi are present in person. Paras Ram, Devinder and Mast Ram are represented by their power of attorney. Sarla Devi and Kanta Devi are not present. Since that last two have also received their summons / whatsapp messages, all parties are considered to have been served. Order is passed recording the position.
- 4. The AC Grade I then proceeds as required under para 14.6 to hear the parties present. Only three parties present raise objections. Narain Das states that the current entry regarding his share is erroneous since the missal haqiyat drawn up at the time of last settlement shows a larger share in the name of his predecessor in interest. He presents a copy of the same in support of his contention. On enquiry it is seen that revised share is indicated in the first jamabandi after digitization of land records. It is the result of computerized totalling bringing out an error in the numbers shown in themisalhagiyat and subsequent jamabadis. The correction has been duly carried out through laid down procedure. The entry is now appearing for the last 3 jamabandis without any objection. The second objector Hukmi Ram states that he has purchased an additional area from another shareholder Savitri Devi and the mutation has not been attested as yet. He produces registration papers which are not disputed by Savitri Devi. A note to this effect is also available in the jamabandi. The third objector Kangu Devi states that while she is a shareholder in the khata and the record states that possession is of all shareholders she is wholly in possession of Khasra no. 103 comprising 600 square metres. She has constructed a house on the same since very long. She has acquired rights by way of adverse possession and therefore, there is a question of title involved. The AC Grade passes

an appropriate order holding that in view of the facts of the case and the law in such matters, the partition can proceed with a suitable amendment to take into account Hukmi Ram's increased share. The plea of question of title is also rejected and it is held that the shareholder will be free to seek protection of her possession in view of the provisions of para 14.10 which enable taking into account any specific possession and asset creation by a specific shareholder.

5. The above order having attained finality since no appeal is filed, the report of the Kanungo under para 14.9 is called for and duly received. It brings out the following situation.

Table 1

Khasra Nos	Area (in sq	Land Classification	Distance from Relevant Road
Total 20	metres) total		in metres
	15000		
101	100	Gairmumkindhank	SH 0-25 m
102	100	Gairmumkinrasta	SH 0-150 m
103	600	Gairmumkinmakaan	SH 0-25 m
104	750	Bagichafaldar	SH 50-100 m
105	1600	Ghasni	SH 0-25 m
106	1000	Bagichafaldar	SH 100-150 m
107	1000	Bagichafaldar	SH 100-150 m
108	250	Gairmumkinmakaan	SH 0-25 m
109	250	Banjar jadid	SH 0-25 m
110	100	GairMumkinTalaab	SH 50 m
111	1250	Bagichafaldar	SH 75- 100 m
112	250	Barani doyam	SH 0-25 m
113	1500	Bagichafaldar	SH 150 -200 m
114	250	GairMumkinmakaan	SH 0-25 m
115	750	Bagichafaldar	SH 50-75 m
116	2000	Bagichafaldar	SH 150- 200 m
117	250	GairMumkinmakaan	SH 0-25 m
118	250	Gairmumkinsahan	SH 0-25 m
119	1000	Bagichafaldar	SH 100-150 m
120	1750	Bagichafaldar	SH 150- 200 m

Table 2

S. No	Shareholder Name	Share in khata	Possession (khasra no/s)
1	BadriSain	10/30	110, 113, 117, 118, 119, 120
2	Narain Das	1/30	109, 114
3	Hukmi Ram	3/30	106, 115
4	Savitri Devi	1/30	112
5	Kangu Devi	2/30	103
6	Paras Ram	3/30	104, 111
7	Devinder	3/30	107, 108
8	Mast Ram	3/30	116
9	Sarla Devi	2/30	

10	Kanta Devi	2/30	
11	All		101, 102, 105 (in common
			possession of all
			shareholders)

Additional information contained in Kanungo's report:

- (i) All orchard area has similar density and age of fruit bearing trees. Similar investment has been made by all those in possession in planting 4 trees per 100 square metres of land. Net present value of fruit bearing trees currently estimated @ 1 lakh per tree by technical experts.
- (ii) All houses have been built by those in possession at a similar cost at around the same time. The ratio of built up area to land area of the plot is 1: 3 in all cases. Built up area is valued by technical experts at Rs 1000 per square metre.
- (iii) The tank on khasra number 110 has been constructed by the owner in possession. The current value has been estimated by technical experts at Rs 10,000 per square metre of land in the plot.
- (iv) Sarla Devi is agreeable to accepting appropriate monetary compensation for any shortfall in receiving her share of land, if other shareholders are willing to pay.
- (v) Kanta Devi is willing to pay for any additional amount required from her to compensate for investment made by others but would like to get her share of the land.
- (vi) All shareholders are agreed that khasra number 102 comprising a common path should be maintained in common possession with proportionate reduction in area of each shareholder based on the shares as given in Table 1.
- vii) There are no special conditions attached to partition in the revenue estate.
- 6. Based on the information received, the AC Grade I draws up a list of issues to be addressed and a mode partition which describes the guidelines he will follow in carrying out the partition, as required in para 14.10.
- 7. The order of 14.10 is not challenged by any shareholder and the period for appeal having expired, the AC Grade I proceeds to draw up a draft instrument of Partition showing all values and their apportionment and communicates to all parties as required under para 14.11. No objection is received and the period of appeal having expired, the instrument of Partition is finalised as required under para 14.12.
- 8. In view of the position given above, passappealable speaking orders (in writing) rejecting the objections and question of title raised (15 marks), drawing up the list of issues and mode of partition (25 marks) and the final instrument of partition (60 marks).

HIMACHAL PRADESH BOARD OF DEPARTMENTAL EXAMINATIONS DEPARTMENTAL EXAMINATION, SESSION-SEPTEMBER, 2022

PAPER-9: Civil Service, Treasury and Financial Rules for IAS/HAS

Time Allowed: 3 Hours Maximum Marks: 100

Notes:

- i) Attempt five questions. Marks are shown against each question.
- ii) Indicate the same question number and its parts as assigned in the question paper while answering the same.
- iii) All parts of a question should be attempted at one place.
- iv) Bare Acts/Rules/Approved reference books as per syllabus are allowed.
- Q No. I: a) Distinguish between 'Extension' and 'Re-employment'.
- **b)** "The appropriate authority has absolute right to retire, if necessary to do so in public interest, any government employee". Discuss the provisions of relevant rules under which a government employee can be retired prematurely.

(8+12)

- Q No. II: a) Differentiate between 'Foreign Service and Deputation'.
- **b)** Discuss in detail the concept of 'Proforma Promotion or Next Below Rule'.

(8+12)

Q No. III: What are the fundamental principles of public buying? Explain the measures as provided in H.P. Financial Rules for achieving transparency, fair competition and elimination of arbitrariness in the procurement process.

(20)

- **Q No. IV:** a) Elaborate the conditions which must be satisfied before a government servant on tour can claim 'Daily Allowance'(DA). Discuss the manner how DA is drawn under different circumstances.
- **b)** State three instances of journeys other than journey on tour for which a government servant can draw Traveling Allowance. How is the claim regulated in these cases?

(12+8)

- Q No. V: a) What are the steps involved in conducting preliminary inquiry? Does the failure to contact the suspected government servant amounts to violation of the principles of natural justice?
- b) Can the departmental proceedings under CCS(CCA)Rules be initiated when a criminal case is in progress against him? Explain. (10+10)

Q No. VI: Discuss the provisions of CCS(Conduct) Rules, 1964 with respect to acquisition and disposal of movable and immovable property by a Government Servant and his family. What are the restrictions in relation to acquisition and disposal of movable and immovable property outside India and transactions with foreigners?

(20)

Q No. VII: How will you deal with the following;

a) A government servant applied for 'Extra Ordinary Leave' (EOL) for 45 days. The leave sanctioning authority refused to sanction EOL as the government servant had 'Earned Leave' for 300 days at his credit.

b) A temporary government servant applies for 'Leave Not Due' on the ground that he has to appear for University examination and no other leave is

due to him.

c) The Drawing and Disbursing officer presented Medical Reimbursement claim to the Treasury after one year from the date of submission by the claimant.

d) Recovery of government dues was proposed to be affected from

GPF balance of the employee concerned.

e) A female government servant applied for Leave Travel Concession (LTC) during Maternity Leave.

(4*5=20)

Q No. VIII: "Annual Administrative Report is a document for performance appraisal". Elucidate the statement and highlight the objectives this report seeks to achieve.

(20)

- Q No. IX: a) Define 'Financial Establishment'. Explain powers of the Special Court regarding attachment of property under "H.P. Protection of Interest of Depositors (In Financial Establishment) Act,1999".
- b) Discuss the objective and purpose for the enactment of "The Competition Act,2002". Explain the circumstances under which an enterprise can be proceeded against abuse of its dominant position.

(10+10)

Q No. X: Distinguish between the following: -

a) 'Censure' and 'Warning', b) 'Dismissal' and 'Removal', c) 'Dies Non' and 'Interruption in Service', d) 'Vote on Account' and 'Vote on Credit', and e) 'Appropriation Account' and 'Finance Account'.

(4*5=20)

BOARD OF DEPARTMENTAL EXAMINATION SEPTEMBER /2022 IAS/HAS OFFICERS

Paper No. 10:

Special Acts (Criminal, Manual & Rules)

Time allowed: 3 hours.

Maximum

Marks: 100

NOTE:

- 1. Attempt any five questions.
- 2. Questions carry the marks as indicated against them.
- 3. Relevant provision of law must be quoted in support of answers.
- 4. Only bare Acts/Rules are allowed inside the examination Hall.

Question No. 1

a. How the liability of the company is determined under the Prevention of Food Adulteration Act, 1954 and what are the defenses available to the nominated person of the company?

10 Marks

b. Explain the procedure for enquiries and trials by Magistrates under H.P. High Court Rules and Orders.

10 Marks

Question No. 2

a. What are the powers of Govt. to control production, supply, and distribution, etc of essential commodities?

10 Marks

b. What is the procedure prescribed for confiscation of seized essential commodity?

10 Marks

Question No. 3

a. What is the procedure prescribed under the Indian Forest Act 1927 to deal with the vehicles carrying forest produce?

10 Marks

b. How offences by authorities and Government Departments are dealt with under the Forest conservation Act, 1980?

10 Marks

Question No. 4

a. Discuss Third party information under the Right to information Act, 2005. Whether third party information can be supplied to the applicant?

10 Marks

b. What are the various types of driving lisences? Under what circumstances a Driving License can be refused by a licensing authority?

10 Marks

Question No. 5

a. Explain the procedure for grant of arms license for export of arms or ammunition by sea or air from one place in India and re-import into another place in India.

10 Marks

b. Is there any punishment provided under the Indian Explosive Substances Act, 1908 for attempting to cause explosion or for making or keeping explosive with intent to endanger life or property?

10 Marks

Question No. 6

a. What are the provisions relating the visitors to jail contained in the jail manual?

5Marks

b. Discuss the difference between light motor vehicle and light transport vehicle.

5 Marks

c. Discuss the Punishment for illegal hunting or extinction of wild life under the H.P. Prevention of Specific Corrupt Practices Act, 1983.

5 Marks

d. What do you understand by the term severability under the Right to information Act, 2005?

5 Marks

Question No. 7

a. What is the procedure prescribed under the Juvenile Justice (Care and Protection of Children) Act, 2000 for apprehension and bail of juvenile in conflict with law?

10 Marks

b. Discuss the power of the Central Government or the State Government to make orders detaining certain persons under Maintenance of Internal Security Act, 1971.

10 Marks

Question No. 8

Write Short notes on any four:

a. Procedure for marriage under special Marriage Act 1954.

5 Marks

b. Whether a juvenile in conflict with law can be charged with or tried for an offence together with a person who is not a juvenile?

5 Marks

c. Who are entitled for maintenance under the H.P. Maintenance of parents and Dependants Act, 2001?

5 Marks

d. What are the duties and responsibilities of the jail Superintendent under the jail Manual?

5 Marks

e. Social responsibilities of the Police Officer under the H.P. Police, Act, 2007.

5 Marks

H.P. Board of Departmental Examinations

Departmental Examination for IAS/HAS Officers of Himachal Pradesh

September 2022

Paper 11 Minor Revenue Acts and Rules

Time Allowed: 3 Hours M. Marks: 100

Note: 1. Attempt any five questions. All questions carry equal marks.

- 2. Relevant provisions of Acts, Rules, and Manuals be quoted.
- 3. Bare Acts, Rules, and Manuals are allowed to be consulted.

Question No. 1

- (a) Write short notes on four of the following:
 - i. Shajra-Kishtwar and Shajra-Nasab
 - ii. Lease and Mortgage
- iii. Misal Haquiat and Jamabandi
- iv. Musavi and Momi
- v. Abadi deh and Gair-Mumkin-Abadi

(4X3=12)

- (b) Distinguish between Wajib-ul-arz and Riwaj-i-am.
- (c) Distinguish between Court and Revenue officer.

(4+4=8)

Question No. 2

- (a) What is the process and procedure for eviction of a person who is deemed to be in unauthorized occupation of public premises under Himachal Pradesh Public Premises and Land (Eviction and Rent Recovery) Act, 1971?
- (b) Explain the power of collector to required payment of rent or damages in respect of public premises.
- (c) How 'Rent' has been defined under Himachal Pradesh Public Premises and Land (Eviction and Rent Recovery) Act, 1971?
- (d) What is the liability of heirs and legal representatives under above Act?

(4X5=20)

Question No. 3

- (a) Explain the salient features of HP Agriculture Credit Operation and Miscellaneous Provisions (Banks) Act, 1972?
- (b) Briefly explain the General Procedure of Revenue Officers and Courts.
- (c) What does expression 'Land' imply under Redemption of Mortgages (Himachal Pradesh) Act, 1971?
- (d) Briefly describe the provisions of Himachal Pradesh Transfer of Land (Regulation) Act, 1968. (4X5=20)

Question No. 4

- (a) What is the eligibility and procedure under Nautor Rules, 1968 for grant of Nautor Land?
- (b) What do you understand by Consolidation Scheme?
- (c) What is the procedure for disposal of surplus area which has vested in the State Government?
- (d) What is the allottable pool under HP Village Common Lands Vesting and Utilization Rules, 1975?

(4X5=20)

Question No. 5

- (a) What does expression "Government mean with reference to reduction, remission, and compounding of stamp duty?
- (b) What is the effect of non-registration of document required to be registered?
- (c) What are the principles which should be followed by Consolidation Officer while preparing the Consolidation Scheme under Himachal Pradesh Holdings (Consolidation and Prevention of Fragmentation) Act, 1971?
- (d) What is the procedure in partition cases during settlement operations?

(4X5=20)

Question no. 6

- (a) Define "affected family" and "Court of acquisition" concerning the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.
- (b) How is the Social Impact Assessment Study prepared under above Act?

(10+10=20)

Question no. 7

- (a) What is the process of preparation of Records of Rights during the settlement operations?
- (b) What impact digitization has made in the field of preparation of Records during settlement?

(10+10=20)

DEPARTMENT EXAMINATION OF IAS / HAS OFFICERS OF

HIMACHAL PRADESH

SEPTEMBER 2022

Paper: 12 <u>Motor Mechanism and Driving</u>

Time: 1:30 hours Maximum Marks = 50

Note:-

- 1. Candidate may answer the question in Hindi or English.
- 2. Attempt all questions from Part A. In Part B, Question No. 4 is compulsory & attempt any four out of Q. No. 5 to 9.
- 3. Bare acts are allowed.

PART - A

- Q. No. 1 Explain the functions of any five in the motor vehicle. (1X5=5)
 - a) Turbocharger or intercooler
 - b) Battery
 - c) Ignition Switch
 - d) Brakes
 - e) Steering wheel
 - f) Engine
 - g) Propeller Shaft
 - h) Diesel Tank
- Q. No. 2 Attempt any five

(2x5=10)

- a) Why painting is done on automobiles.
- b) Why big tyres are used in rear of tractor.
- c) Why the steering wheel is round.
- d) What does it mean when smoke is white?
- e) Why the color of tyres are black.
- e) What does it mean when smoke is black?
- Q. No. 3 Answer any ten questions by selecting the correct choice.

(1x10=10)

- 1) The Petrol Engine works on the principle of
 - i) Otto Cycle

ii) Diesel Cycle

iii) Pascal Cycle

iv) None of these

2)	The petrol air mixture at starting of an engine needs to be					
	i)	Lean	ii)	Pure petrol		
:	iii)	Same as for normal running	iv)	Rich		
3)	How t	nuch CC in Bolero vehicle engine?				
	i)·	2500CC	ii)	3500CC		
	iii)	3000CC	iv)	1100CC		
4)	Engin	e startor motor is –				
4. 4.	i)	Single phase AC motor	ii)	DC series motor		
	iii)	De shunt motor	iv)	None of these		
5)	The p	opular firing order of a inline 4-cylinder	SI engir	ne is —		
	i)	1-3-4-2	ii)	1-2-3-4		
	·iii)	4-3-2-1	iv)	2-4-3-1		
6)	Whiel	n of the following is front wheel drive ve	hicle?			
	i)	Maruti Alto	ii)	Hyundai Santro		
	iii)	Honda City	iv)	All of these		
7)	Engin	e torque is highest at				
	i)	High speed	ii)	Intermediate speed		
	iii)	Low speed				
8)	Pistor	n compression rings are manufactured by	7 - 3 3 3 .	医氯酚 有一致形式		
	i)	Aluminum	ii)	Cast iron		
	iii)	Steel	iv)	Bronze		
9)	The r	The ratio of the cylinder volume at BDC and the clearance volume is called				
	i)	Clearance ration	ii)	Volumetric ratio		
	iii)	Compression ratio				
10)	What are the prerequisite to drive a heavy passenger motor vehicle?					
	i)	Should have driving license for at least				
	ii)	Should have drive license for at least to				
	iii)	Should have driving license for at least	one year	er to drive a medium		
		passenger motor vehicle.	1			
٠.		Both (ii) & (iii) above				
11)	The c	levice for smoothing out the power impu				
	i)	Flywheel	ii)	Camshaft		
	iii)	Tyre	iii)	None of above.		
12)	Fog l	amps are used in a motor vehicle.		en e		
	i)	During night	and the second s	ii) When there is mist		
	iii)	When the opposite vehicle is not using	g dim lig	tht iv) Sixth		

13)		ch of the following things are endorsed in the vehicle registration ficate?	
	i)	Engine number ii) Chassis number	
	ii)	Number of passengers permissible iv) All of these	·
			. · · · · · · · · · · · · · · · · · · ·
		PART B	
(Q. :	No. 4 i	is compulsory. Attempt any 4 out of Q. No. 5 to 9)	
Q. N	o. 4 D	iscuss the new amendments in motor vehicle act 2019.	(5)
Q. N	lo. 5 W	What is the role of any two of the following authorities? (2.5x)	2=5)
	a)	Motor Accident claim Tribunal.	•
	b)	State Transport Authority.	
	c)	Registering & Licensing Authority.	
Q. N	o. 6 E	Explain law relating to removal and disposal of abandoned or left unatt	ended
	Vehi	icle.	(5)
Q. N	o. 7 D	Describe the HSRP (High Security Registration Plate) and discuss about	ıt
	diffe	erent coloured car number plates.	(5)
Q. N	o. 8 D	Discuss procedure and detail of International driving permit.	(5)
		Discuss various type of documents needed to be kept in vehicle while	
	drivi		(5)