

<b>Engineer Officers: 280</b> <b>Paper-I (Works Accounts)</b>
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Time Allowed: 3 Hours

Max. Marks: 100

**Books allowed**

- Manual on Capital Expenditure and Fixed Accounts.
- IUT Manual
- Manual on Damaged Transformers
- Meter Accounting Manual
- Expense Accounting Manual
- Basic Accounting Principles and Policies
- Cash and Bank Manual
- Works Regulations, 1981
- Board's (PSPCL) Circular and Amendments.

**NOTE**

- i) Attempt all the questions and part of a question must be attempted continuously at one place.
- ii) Support your answer with relevant rules/regulations.
- iii) Rough work should be done on the space provided for in the answer sheet at Page No.2.
- iv) Missing data, if any, may be assumed but must be indicated specifically in the answer.

Q. No.	Question	Marks
1	a) How value of vehicle declared unserviceable is adjusted?	2 ½
	b) Cement issued @ Rs.250/- per bag PLUS 3% storage charges to contractor from PSPCL. The un-utilized quantity was taken back. State the amount for which credit will be given to the contractor.	2 ½
		2 ½

	c) Define Turn Key Job	7 $\frac{1}{2}$
	d) Describe briefly the records which are maintained for meters in the Sub Division.	5
	e) State the responsibilities of SDO Distribution and SDO Workshop in case of damage to DS Transformer in warranty period.	
2.	a) How the amount receivable from PSPCL employee, PSTCL officer and a retired employee for use of vehicle for non-official purpose will be adjusted?	6
	b) Prepare annual estimate for running of departmental truck with assumed data.	8
	c) Comment on the followings:- i) A U-cheque reported to be lost in transit.	6
	ii) An IUT bill has been raised by Suburban Operation Division, Patiala on Nabha operation Division on account of use of its vehicle.	
3	Comment on followings:-  i) It is proposed to rectify the mistake noticed in cash book payment side classification column in subsequent month by cutting & attestation.  ii) While computing opening balance of cash on 1 <sup>st</sup> Sept. 2014 a cheque amounting to Rs.5000/- received as Earnest money from the contractor on 31.8.2014 is excluded by the cashier on the plea that the tender of the contractor was liable to be rejected and earnest money will have to be refunded.  iii) Sale proceeds realized on sale of scrap and debris of a decommissioned asset is proposed to be credited to assets de-commissioning cost head.	5x4 =20

	<p>iv) The discount allowed by supplier for timely payment of his bill is deducted from cost of material.</p> <p>v) Define the terms trial stage and capitalisable period.</p>	
4	<p>a) What precaution is observed to secure the mobilization advance given to the contractor?</p> <p>b) Under what conditions extension is granted in due date for submission of tenders?</p> <p>c) Representative of a tenderer insists on knowing the price quoted by the other competitors. Comment.</p> <p>d) Work order was issued by Chief Engineer/MM without pre-audit by Accounts Officer on the plea that the comparative statement stand already pre-audited. Comment.</p> <p>e) State the sound management principles.</p>	<p>4</p> <p>4</p> <p>4</p> <p>8</p>
5.	<p>a) State two cases when manufacturing account is prepared in PSPCL. How the same is operated and closed?</p> <p>b) Distinguish between proprietary item and rate contract. State Similarly between the two.</p> <p>c) State procedure for calculation of EMD and its treatment after receipt/opening of tender.</p> <p>d) Sub Divisional Officer is of view that being a technical professional he is responsible only for technical matters of the Sub Division. Comment.</p>	<p>5x4 =20</p>

## Paper-II (Service Rules and Regulations)

Time Allowed: 3 Hours

Marks:100

## Books Allowed

1. MSR Volume (Part-I & II) and Volume III
2. PSEB P & A Regulation 1971
3. PSEB Provident Fund Regulations 1960
4. PSEB Employees Conduct Regulation 1971
5. CSR Volume II
6. PSEB Delegation of Power
7. Punjab Budget Manual

NOTE:

- (i) Attempt all questions and part of a question must be attempted continuously at one place.
- (ii) Missing data, if any, may be assumed, but must be indicated specifically in the answer.
- (iii) Rough work should be done on the space provided for in the answer sheet at Page-2.

1. Q(a) Calculate the Rent of Board's accommodation rented to private party which was constructed in year 2010:-

• Cost of Site & its Preparation	250000/-
• Cost of wire fencing to the compound	25000/-
• Cost of Building	550000/-
• Cost of Garage	35000/-
• Cost of boundary wall	50000/-
• Cost of Electrical Fittings	50000/-
• Cost of Sanitary & water Supply	50000/-
• Cost of Ceiling Fans	10000/-
• House Tax	4500/- per Quarter
• Rate of Interest	7.5%
• Rate of Annual Maintenance Charges	1.5%

(b) An Employee retired from PSPCL Service on 30-06-2013 and his pension was fixed at Rs10000/-P.M. Due to decision of disciplinary cases pending against him. The following punishment was imposed against him:-

- ✓ 5% cut in pension imposed for three years vide O/O No 275. Dated 10-12-13
- ✓ 10% cut in pension imposed for two years vide O/O No 405 Dated 01-03-14
- ✓ 5% cut in pension for ever vide O/O No 425 Dt. 04-05-14

Calculate the pension admissible to the employee from time to time & its restoration.

$$(10+10)=20$$

2. LM appointed on 06-12-1996 FN in the scale of 1200-2200 (w.e.f.01-01-1996 revised 4300-7500). He appointed as JE-2 through CRA on 02-02-2005. He further promoted as JE-1 on 03-05-2014. Fix his pay up to Oct 2014 after allowing TBS in view of 19/2003 & 18/2013. He wants to change his induction post in view of ibid circular.

20

3. (a) Comment on the followings:-

- ✓ Authority lower than the appointing authority suspended an employee.
- ✓ The punishing authority disagrees with the findings of the inquiry authority.
- ✓ An Appointing Authority issued a termination letter to a probationer with immediate effect.
- ✓ Board has made an order against an employee & employee has made an appeal against the order.
- ✓ A Board employee retired on 31 Jan. 2008 & assisted a BE in disciplinary proceedings on 15 Feb. 2010.

- (b) Differentiate between Charge Sheet & Show Cause Notice.

$$(10+10)=20$$

- Q.4 (a) PSPCL has made some major amendments in Advances from the Funds under GP Fund regulation during the year 2011, Give out the provisions contained in this amendment.

- (b) Comment on the followings:-

- ✓ A PSPCL employee claimed the TA on transferred from one station to another. One family member shifted 15 days prior to his transfer & other shifted after 7 months of transfer.

- ✓ A PSPCL employee leaves his HQ on 9.15 AM & returns back to HQ at 3.00 PM & claimed half daily allowance.
- ✓ A PSPCL employee leaves his HQ at 6.00 PM for attending the meeting at distance 22 KM from HQ & returns at 3.00 AM Next Day & claimed 2 Daily allowances.
- ✓ Accountant has made an objection on TA claimed by an employee. Objection has been made to restrict the local mileage allowance to ordinary daily allowance for departure & arrival days.
- ✓ A PSPCL employee claimed LTC from 1 Sep 2014 to 10 Sep 2014 & taken sanction on 15 Sep 2014.

(10+10)=20

Q.5 (a) Explain Terminal Gratuity & Death Gratuity?

(b) Write Short Notes on the Followings:-

- 1) Full Form of NPS
- 2) Rate of NPS Contribution
- 3) Rent Recoverable
- 4) Standard Rent
- 5) Penal Rent

(10+10)=20

10.11.14

Roll No.....

Engineer Officers: 275  
Paper-3rd  
(Revenue Accounts)

Time allowed: Three Hours

Marks: 100

Books allowed:

1. Electricity Supply Instruction Manual and Condition of Supply.
2. All Commercial and PR circulars issued upto date.
3. Commercial Accounting System Vol. V Manual of Material Accounting.
4. Sales of power manual including computerized billing.

Note

- ❖ Attempt all the questions and part of a question must be attempted continuously at one place.
- ❖ Rough work should be done on the spaced provided for in the answer sheet at Page-2.
- ❖ Missing data, if any, may be assumed but must be indicated specifically in the answer.

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Q.1 a) Prepare the bill of LS consumer (Ice Factory and Ice Candies) under Suburban Sub Division from the following data:-

Billing Month	10/2014
Connected Load	144.690 KW
Contract Demand	162.000 KVA
Supply Voltage	11 KV
Metering Voltage	11 KV

<b>Meter Multiplier</b>	1.00	
<b>Line CT Ratio</b>	10	
<b>Meter Ratio</b>	5	
<b>Meter Rent</b>	Rs.469/-	
<b>Service charges</b>	Rs.150/-	
<b>Readings</b>	<b>New</b>	<b>Old</b>
<b>MDI</b>	82.074	30.924
<b>KWH</b>	858967	833348
<b>KVAH</b>	904479	875718

- b) Prepare DS Bill having sanction load 8.06 Kw with following data:-

<b>Date of old reading</b>	11.8.2014	<b>Reading</b>	14300
<b>Date of new reading</b>	1.10.2014	<b>Reading</b>	14552

Also mention the date of cash and cheque on which this bill is to be paid.

- Q.2 a) Define the followings:-

Marks: 15+5=20

- i) Connected load
- ii) Monthly Average Power Factor
- iii) Demand Charges
- iv) Energy Charges
- v) Load Factor

- b) Explain liability for payment of minimum charges
- c) Explain extension to Consumer's installation.

Marks: 10+5=20



- Q.3 a) What type of guidelines for the prospective consumer regarding processing of the case for release of Electric connection has been issued by the PSPCL.
- b) What do mean by lighting hours and minimum consumption under street lighting?

Marks: 10+10=20

- Q.4 a) How the consumption for the purpose of Electricity Duty Exemption be worked out.
- b) What is criteria for allowing the rebate of Rs.1/ KWH ( or KVAH) on power?

Marks: 10+10=20

- Q.5 a) Explain "Harmonics"
- b) What type of recovery of electricity charges is made by the licensee from the consumer in respect of the supply of electricity?
- c) How can you assess the electricity charges in case of theft of electricity as per Section 135 of the Act?
- d) Explain 'Advice of Sundry Charges' and what types of adjustments can be made through these advices.

Marks: 4x5=20

11.11.2014

Roll No.....

**Engineer Officers: 200**  
**Paper-IV**  
**Acts and Labour Laws**

Time Allowed: 3 Hours

Max. Marks: 100

**Books Allowed**

1. Factories Act, 1948
2. Industrial Dispute Act, 1947
3. Employees State Insurance Act, 1948
4. PSEB Standing Orders applicable to work charged and daily wages workers.
5. Workman Compensation Act, 1923
6. The Electricity Supply Act, 1948
7. Air ( Prevention and Control of Pollution) Act, 1981

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Q.No.	Question	Marks
1.	a) Explain the amount of compensation in respect of following incidents under the Employees Compensation Act, 1923:-	

	<p>i) Where permanent total disablement results from the injury.</p> <p>ii) Where permanent partial disablement results from the injury.</p> <p>b) Discuss the provision regarding liability of buyer make payment to supplier under the Micro, Small &amp; Medium Enterprises Development Act, 2006.</p> <p>c) What do you mean by stand-alone system under the Electricity Act, 2003?</p>	<p>5x2=10</p> <p>5</p> <p>5</p>
2.	<p>a) Explain the safety provisions under the Factories Act, 1948.</p> <p>b) What are the pecuniary jurisdictions of Consumer Courts under Consumer Protection Act, 1986?</p>	<p>10</p> <p>10</p>
3.	<p>a) Define Open Access under the Electricity Act, 2003.</p> <p>b) What are the responsibilities of State Load Despatch Centre under the Electricity Act, 2003?</p> <p>c) Describe the provisions under the Electricity Act, 2003 on the following:-</p> <p>i) For setting up of a Hydro Generating Station.</p> <p>ii) Duties of a Generating Company.</p>	<p>5</p> <p>5</p> <p>5</p> <p>5</p>
4.	<p>a) Who are Appellate Authorities under the Right to Information Act, 2005?</p> <p>b) Discuss the provisions regarding Third party information under the Right to Information Act, 2005.</p> <p>c) What is the definition of Micro, Small and Medium Enterprises under Micro Small and Medium Enterprises Development Act, 2006?</p>	<p>5</p> <p>10</p> <p>5</p>

5.	a) Functions of Central Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981.	10
	b) What are the remedies for a person aggrieved by an order of State Board under the Air (Prevention and Control of Pollution) Act, 1981	5
	c) Explain the provisions regarding meeting of the Board under the Air (Prevention and Control of Pollution) Act, 1981.	5