



GUJARAT WATER SUPPLY & SEWERAGE BOARD - GJTI
(A Government Of Gujarat Undertaking)
Jalsewa Bhavan, Sector-10A, Chh Road, GANDHINAGAR – 382 010

2751c
MJ
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Professional Exam of Deputy Executive Engineer & AEE's (Mechanical)
SUBJECT: General (Mechanical)

Date: 14-10-2015

TIME: 1030 to 1330 hrs

Max Marks: 75

Part A (To be Completed & Returned in 45 minutes)

ROLL NUMBER:

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Please Write both in figures & Words.

Objective Questions : 1 Mark each.

No Negative Marking.

MARKS: 25

Instructions: You are monitored by CCTV, Any candidate observed copying shall be considered disqualified for the entire examination.

Please Tick the Answer in Box : (To be Returned in 45 minutes)

1 Mixed flow pump are _____ H _____ Q pumps.

a	High, Low
b	High, High
c	Medium, High
d	Medium, Medium

2 Which of the following is correct?

a	Absolute pressure = gauge pressure + atmospheric pressure
b	Gauge pressure = Absolute pressure + atmospheric pressure
c	Atmospheric pressure = Absolute pressure + gauge pressure
d	Absolute pressure = gauge pressure - atmospheric pressure

3 What do you understand by SOR?

a	Store Organisation Rates
b	Standard Of Rates
c	Schedule Of Rates
d	Standard Of Rates

4 What is the function of feeler gauge?

a	To check screw pitch
b	To check surface roughness
c	To check thickness of clearance
d	To check radius

5 Distribution of electric power from one place to another is done at high A.C. Voltage because

a	It increases brightness of the light
b	Wastage of electricity is reduced
c	Stealing of electricity is reduced
d	Electricity moves in a very short time



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- 6 The phenomena of using ultra violet rays for treatment of water is called
- | | | |
|---|-------------------|--|
| a | Bleaching | |
| b | Disinfection | |
| c | De-chlorination | |
| d | None of the above | |
- 7 Bearing used in ISI Mark IM II HP is
- | | | |
|---|-------------------|--|
| a | 6204 | |
| b | 6204ZZ | |
| c | 6204Z | |
| d | None of the above | |
- 8 Brinell hardness tester uses a hardened steel ball of size
- | | | |
|---|-------------------|--|
| a | 5 mm | |
| b | 10 mm | |
| c | 20 mm | |
| d | None of the above | |
- 9 PUC stands for
- | | | |
|---|-----------------------------|--|
| a | Public Utility Commission | |
| b | Public Utility Committee | |
| c | Pollution Under Control | |
| d | Pollution Under Certificate | |
- 10 CSPO stands for
- | | | |
|---|-------------------------------------|--|
| a | Center Senior Procurement Official | |
| b | Central Store Purchase Organization | |
| c | Chief Strategic Planning Officer | |
| d | Central Store Purchase Organization | |
- 11 During the upward stroke in IM II HP Check Valve _____ & Puppet Valve _____
- | | | |
|---|----------------|--|
| a | Closes, Closes | |
| b | Closes, Opens | |
| c | Opens, Closes | |
| d | Opens, Opens | |
- 12 Million stands for _____ & Mega stands for _____
- | | | |
|---|--------------|--|
| a | $10^3, 10^6$ | |
| b | $10^6, 10^6$ | |
| c | $10^6, 10^9$ | |
| d | $10^3, 10^9$ | |