

16th November 2012



IITJ/2012-13

INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

**Answer Sheet of Written Test for the post of
Junior Superintendent**

Total Duration: 60 minutes

Total Marks: 70

Instructions:

1. The question booklet comprises of two parts. Part-A contains 50 objective type questions and for each correct answer you will be awarded One Mark (1), Part-B contains Two descriptive type questions (10 Marks each) which are to be answered in separate sheets.
2. Please tick (✓) the correct Answers.
3. Do not use pencils. Use only ball point pen.
4. After completion of the test please return the question booklet and Answer Sheet to the Invigilator.

1	A	B	C	D	26	A	B	C	D
2	A	B	C	D	27	A	B	C	D
3	A	B	C	D	28	A	B	C	D
4	A	B	C	D	29	A	B	C	D
5	A	B	C	D	30	A	B	C	D
6	A	B	C	D	31	A	B	C	D
7	A	B	C	D	32	A	B	C	D
8	A	B	C	D	33	A	B	C	D
9	A	B	C	D	34	A	B	C	D
10	A	B	C	D	35	A	B	C	D
11	A	B	C	D	36	A	B	C	D
12	A	B	C	D	37	A	B	C	D
13	A	B	C	D	38	A	B	C	D
14	A	B	C	D	39	A	B	C	D
15	A	B	C	D	40	A	B	C	D
16	A	B	C	D	41	A	B	C	D
17	A	B	C	D	42	A	B	C	D
18	A	B	C	D	43	A	B	C	D
19	A	B	C	D	44	A	B	C	D
20	A	B	C	D	45	A	B	C	D
21	A	B	C	D	46	A	B	C	D
22	A	B	C	D	47	A	B	C	D
23	A	B	C	D	48	A	B	C	D
24	A	B	C	D	49	A	B	C	D
25	A	B	C	D	50	A	B	C	D

Name of the Candidate: _____

Application Number: _____

Signature of the Candidate: _____

1	<p>A sum of Rs. 12,500 amounts to Rs. 15,500 in 4 years at the rate of simple interest. What is the rate of interest?</p> <p>a. 3% b. 4% c. 5% d. 6%</p>
2	<p>A man took loan from a bank at the rate of 12% p.a. simple interest. After 3 years he had to pay Rs. 5400 interest only for the period. The principal amount borrowed by him was:</p> <p>a. Rs. 2000 b. Rs. 15,000 c. Rs. 10,000 d. Rs. 20,000</p>
3	<p>The average monthly income of P and Q is Rs. 5050. The average monthly income of Q and R is Rs. 6250 and the average monthly income of P and R is Rs. 5200. The monthly income of P is:</p> <p>a. 3500 b. 4000 c. 4050 d. 5000</p>
4.	<p>Find the odd number out: 396, 462, 572, 427, 671, 264</p> <p>a. 396 b. 427 c. 671 d. 264</p>
5	<p>True desert in Rajasthan is known as –</p> <p>a. Bagar b. Rohilkhand c. Khadar d. Marusthali</p>
6.	<p>The impact of Green Revolution in India was felt most in case of –</p> <p>a. Rice b. Jute c. Wheat d. Oil seeds</p>
7.	<p>In how many groups can human blood be divided?</p> <p>a. 4 b. 5 c. 2 d. 3</p>
8	<p>Optic fibres are mainly used for</p> <p>a. Weaving b. Communication c. Musical instruments d. Food industry</p>

9.	Who is the winner of US Open Tennis 2012 in women section? a. Victoria Azarenka b. Venus Williams c. Samantha Stosur d. Serena Williams
10.	Which of the following awards is given to sports persons in India? a. Kalidas Samman b. Arjuna Award c. Saraswati Samman d. None of these
11.	There aren't ----- people here? a. More b. Many c. Huge d. Plenty
12.	Where is the ----- post office, please? a. Near b. More near c. Most near d. Nearest
13.	Would you mind ----- the window? a. closing b. close c. to close d. closed
14.	When Hari Ram _____ back tonight, he'll cook dinner. a. comes b. will come c. come d. shall come
15.	He told me that he----- in Delhi the previous year a. has been working b. had been working c. has worked d. had been worked
16.	The best way to learn a language ----- a little everyday a. speak b. in speaking c. to speaking d. by speaking
17.	I'm fed up with ----- this exercise a. with doing b. to do c. to doing d. for doing
18.	You are not allowed to use your mobile, so ----- a. it is no point to leave it on b. it is no point in leaving it on c. there is no point in leaving it on d. there is no point in leave it on

19.	<p>Arrange the words given below in a meaningful sequence 1. key 2. Door 3. Lock 4. Room 5. Switch on</p> <p>a. 5, 1, 2, 4, 3 b. 4, 2, 1, 5, 3 c. 1, 3, 2, 4, 5 d. 1, 2, 3, 5, 4</p>
20.	<p>What is the protocol used on Internet?</p> <p>(a). NetBEUI (b). TCP/IP (c). NetBIOS (d). IPX/SPX</p>
21.	<p>$ZA_5, Y_4B, XC_6, W_3D, \underline{\hspace{2cm}}$</p> <p>a. E_7V b. V_2E c. VE_5 d. VE_7</p>
22.	<p>2, 3, 4, 6, 8, 12, $\underline{\hspace{2cm}}$</p> <p>a. 13 b. 14 c. 15 d. 16</p>
23.	<p>1, 4, 9, 25, 36, 49, $\underline{\hspace{2cm}}$</p> <p>a. 59 b. 60 c. 64 d. 74</p>
24.	<p>Shanti Swaroop Bhatnagar award is given for the excellence in the field of:</p> <p>(a) Sports (b) Economics (c) Science & Technology (d) Social Work.</p>
25.	<p>Shantosh Trophy is associated with:</p> <p>(a) Cricket (b) Football (c) Hockey (d) Tennis</p>
26.	<p>Central Government servants are permitted to encash 10 days earned leave at the time of availing Leave Travel Concession, a balance of earned leave that should be his credit after taking into account the period of encashment as well leave should be at least :-</p> <p>a) 120 days EL b) 60 days EL c) 30 days EL d) None of the Above</p>
27.	<p>No Leave of any kind can be granted for a continuous period exceeding $\underline{\hspace{2cm}}$ years except with the sanction of the President.</p> <p>a) One Year b) Three Years c) Five Years d) None of the above</p>

28.	CGHS means a) Central Government Health Scheme b) Central Government Health Service c) Central Government Hospital Scheme d) None of the Above
29.	"GFR" means a) General Financial Rules b) Government Financial Rules c) General Financial Regulations d) None of the above
30.	Maternity Leave is admissible for maximum _____ days a) 90 days b) 120 days c) 180 days d) 220 days
31.	Paternity Leave is admissible for maximum _____ days. a) 7 days b) 10 days c) 15 days d) 30 days
32.	Women employees having minor children may be granted Child Care Leave by an authority competent to grant leave for a maximum period of _____ days during their entire service for taking care of up to two children. a) 365 days b) 730 days c) 180 days d) 90 days
33.	Employees drawing grade pay equal and above Rs. _____ are entitled for travel by Air a) Rs. 4200 b) Rs. 4600 c) Rs. 4800 d) Rs. 5400
34.	New Pension Scheme (NPS) is applicable to all Central Government Servants who are appointed on or after a) 31.12.2003 b) 01.01.2004 c) 31.12.2004 d) None of the Above
35.	Which of the following statement is true:- a) Leave cannot be claimed as matter of right. b) The leave sanctioning authority can't refuse or revoke leave of any kind. c) An Official on leave can take up any service or employment elsewhere without obtaining prior sanction of the Competent Authority d) Conversion of one kind of leave into leave of a different kind is not permissible in any case.
36.	Maximum number of Earned Leave's which can be encashed while availing LTC in the entire career are, w.e.f. 02.09.2008:- a) 30 days b) 60 days c) 90 days

	d) 180 days
37.	Claim for LTC, where no advance has been drawn, shall be preferred within ____ of completion of the journey:- a) three months b) Six Months c) One year d) One Month
38.	The Annual increment will be 3% of a) Pay in the Payband b) Pay in the Payband + Grade Pay c) Pay in the Payband + Grade Pay + Dearness Allowance d) None of the Above
39.	What is the percentage of Interest applicable for delay in TDS Deposit: a) 1.5% b) 1% c) 1.8% d) None of the Above
40.	Income tax is rounded off to:- a) Nearest ten rupees b) Nearest one rupee c) No rounding off of tax is done d) None of the above
41.	For the procurement of goods through Press Tender the advertisement is required to be published in addition to the leading newspaper in the following a) Indian Polymer Journal b) Employment News c) Indian Trade Journal d) None of the above
42.	For availing concessional Custom Duty/ Excise Duty, registration with which Government Department/ Agency is required: a) DST b) MHRD c) CSIR d) DSIR
43.	Which Government agency monitors the transparency & supervises the government purchases and contracts a) CBI b)CIC c) CAG d)CVC
44.	What percentage of Advance payment can be made to the Government firms/agencies under GFR Rules a) 40% b) 50% c)40% d)30%
45.	Which of the following is central purchase organization a) CSIO b)DGS&D c) DST

	e) None of the above
46.	Bid security is to be returned to unsuccessful bidders within _____ days after the award of the final contract a) 15 days b) 45 days c) 30 days d) 60 days
47.	Number of days of Leave Encashment allowed for L.T.C.: (a) 10 days (b) 07 days (c) All options are correct (d) 15 days
48.	Commutation of monthly pension is allowed up to a maximum of: (a) 50% (b) 30% (c) 40% (d) 100%
49.	To boot Windows into Safe Mode, which of the following keys should be pressed while booting? (a). F8 (b). F1 (c). F2 (d). F10
50.	What are Mozilla Thunderbird and Microsoft Outlook? (a). Image viewers (b). Email clients (c). FTP clients (d). Browsers

PART – B

1. Write a note on the following (any two) :
 - (i) Circular and Order
 - (ii) Minor and Major Penalties
 - (iii) NPS

2. Differentiate between D.O letter and Official Letter with examples.