

**QUESTION BOOKLET AND ANSWER KEY
FOR RECRUITMENT TEST OF
District Response Centre Professionals
Code 9.1
HELD ON 9.12.2011**

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1. ਪੜਨਾਂਵ ਦੀਆਂ ਕਿੰਨੀਆਂ ਕਿਸਮਾਂ ਹੁੰਦੀਆਂ ਹਨ :
(A) ਸੱਤ (B) ਛੇ (C) ਪੰਜ (D) ਅੱਠ
2. 'ਆਰਯ' ਸ਼ਬਦ ਦਾ ਪੰਜਾਬੀ ਸ਼ੁੱਧ ਰੂਪ ਕਿਹੜਾ ਹੈ :
(A) ਆਰਿਆ (B) ਆਰੀਯਾ (C) ਆਰੀਆ (D) ਆਰੇਯਾ
3. ਅਕਰਮਕ ਕਿਰਿਆ ਕਿਹੜੀ ਹੁੰਦੀ ਹੈ :
(A) ਜਿਸ ਵਿੱਚ ਦੋ ਕਰਮ ਹੋਣ (B) ਜਿਸ ਕਿਰਿਆ ਦਾ ਕੋਈ ਕਰਮ ਹੋਵੇ
(C) ਜਿਸ ਕਿਰਿਆ ਵਿੱਚ ਇੱਕ ਕਰਮ ਹੋਵੇ (D) ਜਿਸ ਕਿਰਿਆ ਦਾ ਕੋਈ ਕਰਮ ਨਾ ਹੋਵੇ
4. ਪੰਜਾਬੀ ਵਿੱਚ ਕਾਰਕ ਕਿੰਨੇ ਪ੍ਰਕਾਰ ਦੇ ਹੁੰਦੇ ਹਨ :
(A) ਅੱਠ (B) ਸੱਤ (C) ਛੇ (D) ਪੰਜ
5. 'ਠਾਹਰ ਲੱਭਣੀ' ਮੁਹਾਵਰੇ ਦਾ ਅਰਥ ਹੈ ?
(A) ਠਹਿਰ ਜਾਣਾ (B) ਭੱਜਕੇ ਪਿੱਛਾ ਕਰਨਾ (C) ਆਸਰਾ ਲੱਭਣਾ (D) ਭੇੜ ਜਾਣਨਾ

Directions Q.No. 6-8:- Choose the correct synonym of the given word out of the four choices:

6. **Cantankerous**
A) Irascible B) Joyous C) Authoritative D) Unsympathetic
7. **Bilious**
A) Attractive B) Irritable C) Calm D) Sympathetic
8. **De Jure**
A) Randomly B) Casually C) Rightfully D) Morally

Directions Q.No. 9-10:- Choose the correct opposite of the given word out of the four choices:

9. **Demure**
A) Honest B) Appropriate C) Incorrect D) Brazen
10. **Frenetic**
A) Calm B) Fanatic C) Religious D) Moral
11. **When the National Rural Employment Guarantee Act (NREGA) was renamed MGNREGA?**
A) 2 October 2005 B) 2 October 2007 C) 2 October 2009 D) 2 October 2011
12. **The Padma Bhushan awardee Ustad Sultan Khan had made his mark as an exponent of:**
A) Santoor B) Sarangi C) Sarod D) Shehnai
13. **Which one of the following is not a Lok Sabha Constituency?**
A) Ferozpur B) Faridkot C) Fazilka D) Fatehgarh Sahib

14. When the "Kargil Yome Fateh" or the "Kargil Victory Day" to commemorate 63rd anniversary of liberation of Kargil from Pakistani raiders, was recently celebrated?
A) May 26 B) July 23 C) August 26 D) November 23
15. In Punjab, which of the following National Highway covers longest route?
A)NH 1 B)NH 10 C)NH 15 D)NH 20
16. Where was the 42nd International Film Festival of India (IFFI) recently inaugurated?
A)Margao B)Mumbai C)Panaji D)Port Louis
17. Recently, India's A Gopinathan defeated Zhang Yan, Chinese Ambassador to India, to assume a place on:
A)UN Office on Drugs and Crime B)UN Joint Inspection Unit
C)UN Combating Human Trafficking Unit D)UN Economic and Social Council
18. The Deputy Prime Minister of which country has announced a grant of 50,000 Ringgit to carry out renovation of Gurdwara in Kota Kinabalu?
A)Indonesia B)Malaysia C)Thailand D)The Philippines
19. The Himsagar Express runs a total distance of about:
A)1800 km B)2300 km C)3800 km D)4300 km
20. Which of the following universities is the oldest university?
A)Guru Angad Dev Veterinary and Animal Sciences University
B)Punjabi University
C)Punjab Technical University
D)Guru Nanak Dev University
21. Which of the following monument is the most recent to get inscription as World Heritage Site?
A)Red Fort Complex, Delhi B)Jantar Mantar, Jaipur
C)Rock Shelters of Bhimbetka D)Taj Mahal
22. Which of the following dam(s) is(are) on Sutlej River?
1.Bhakra Nangal Dam, 2.Chamera Dam, 3.Nathpa Dam, and 4. Ranjeet Sagar Dam
A)Only 1 B)Only 1 and 2 C)Only 1 and 3 D)Only 1 and 4
23. The 'Virasat-e-Khalsa' memorial was formerly known as:
A)Baba Bandha Singh War Memorial B)Chhota Ghallughara Memorial
C)Fateh Burj D)Khalsa Heritage Memorial
24. Which one of the following statements is most appropriate?
A) In Punjab, the literacy rate is 76.68% while the Male literacy rate is 81.48% and the Female literacy rate is 67.34%
B) In Punjab, the literacy rate is 74.64% while the Male literacy rate is 87.48% and the Female literacy rate is 68.34%
C) In Punjab, the literacy rate is 76.68% while the Male literacy rate is 81.48% and the Female literacy rate is 71.34%
D) In Punjab, the literacy rate is 78.64% while the Male literacy rate is 87.48% and the Female literacy rate is 64.34%

25. Which one of the following statements is most appropriate with respect to MSP (Minimum Support Price) for Rabi Crops recently approved by CCEA? For wheat it has been fixed at:
- A) Rs.1285 per quintal marking an increase of Rs.165 per quintal over the last year's MSP.
 B) Rs.1385 per quintal marking an increase of Rs.135 per quintal over the last year's MSP.
 C) Rs.1285 per quintal marking an increase of Rs.205 per quintal over the last year's MSP.
 D) Rs.1385 per quintal marking an increase of Rs.195 per quintal over the last year's MSP.
26. Starting with the earliest, the correct chronological order of the birth of: 1-Guru Nanak Dev, 2- Sant Namdeo, and 3- Sant Tukaram, is:
- A)1,3,2 B)1,2,3 C)2,1,3 D)2,3,1
27. Which one of the following statement(s) is(are) true?
 1.Bhatinda is in Majha region
 2.Nawansher is in Doaba region
 3.Tarn Taran is in Malwa region
- A)Only 1 B)Only 2 C)Only 3 D)All 1, 2 and 3
28. Match List I(National Park) with List II (State)
- | List I(National Park) | List II (State) |
|---------------------------|-----------------|
| 1-Blackbuck National Park | a-Gujarat |
| 2-Harikeri Wetland | b-Manipur |
| 3-Sirohi National Park | c-Punjab |
- A)1-a, 2-c, 3-b B)1-b, 2-c, 3-a C)1-c, 2-a, 3-b D)1-a, 2-b, 3-c
29. Match List I(Person) with List II (Country)
- | List I(Person) | List II (Country) |
|----------------------|-------------------|
| 1.Darren Sammy | a-France |
| 2.Jo-Wilfried Tsonga | b-Israel |
| 3.Moshe Safdie | c-Spain |
| | d-St Lucia |
- A)1-c, 2-a, 3-b B)1-d, 2-a, 3-c C)1-d, 2-c, 3-b D)1-d, 2-a, 3-b
30. Match List I (Country) with List II (Capital)
- | List I (Country) | List II (Capital) |
|------------------|-------------------|
| 1-Gabon | a-Khartoum |
| 2-Libya | b-Libreville |
| 3-Yemen | c-Sanaa |
| | d-Tripoli |
- A)1-a, 2-b, 3-c B)1-b, 2-c, 3-d C)1-a, 2-d, 3-c D)1-b, 2-d, 3-c
31. Find the odd one in the series: 81, 82, 83, 84, 85, 86, 87.
- A)82 B)83 C)86 D)87

32. What comes next in the series? 1, 4, 9, 20, 35, 66, 91, ..
A)119 B)136 C)149 D)176

33. What comes next in the series? 0, 4, 18, 48, 100, 180, ..
A)196 B)230 C)294 D)353

34. What replaces X in the following codified information?

7	8	9
4	5	X
3	2	4
9	6	0

A) 6 B) 7 C) 8 D) 9

35. Find the odd one in the set: bf, dh, jn, lo,rv, tx.
A) dh B) Jn C) lo D) rv

36. Given the codified scheme – nrw, mqv, jns, osx, fjo, which one of the following could become a part of the scheme?
A) aei B) bfh C) cgl D) dhe

37. What would be the 50th term of the series a, b, b, c, c, c, d, d, d, d, e, e, e, e, e, f, f, f, f, f, f, f, f, f, f, f, ...
A) i B) j C) k D) l

38. Six friends, A, B, C, D, E and F are standing in a long queue. A is 7th from the front and F is 8th from the last. B is 14th from the front and E is 18th from the last. C is 21th from the front and D is 28th from the last. After sometimes another friend G joins the queue somewhere in between B and E. And there after some time A and D interchange their positions and so do B and E. After the exchange, if A becomes 28th from the front, then how many persons are there in the queue?
A) 55 B) 56 C) 57 D) Data inconsistent

39. Six officers are asked to discuss an issue during a round table conference. In how many ways they can be made to sit for discussion?
A) 36 B) 120 C) 240 D) 720

40. Standing four meters apart a, b, c and d are facing south. After taking one step forward, they turn left or right in the following sequence. Who will not face the original direction?

A) Right, Left, Left, Right, Left, Right, Right, Left, Left, Right
B) Left, Left, Right, Right, Right, Left, Left, Right, Left, Right
C) Right, Left, Left, Right, Right, Left, Right, Left, Right, Left
D) Left, Right, Right, Left, Left, Left, Left, Right, Right, Left

41. Consider the following Statements (S1 and S2) and the Conclusions (C1, C2, C3 and C4) and mark the most suitable answer.
 S1: All Boxes are Trees
 S2: All Trees are Green
- C1: All Boxes are Green
 C2: All Green are Boxes
 C3: All Trees are Boxes
 C4: Some Green are Boxes
- A) Only C1 and C2 follow B) Only C2 and C3 follow
 C) Only C3 and C4 follow D) Only C4 and C1 follow
42. If India's Independence Day is celebrated on Monday, then the next Republic Day will be celebrated on:
 A) Thursday B) Wednesday C) Friday D) Sunday
43. An officer completes $\frac{1}{3}$ rd of work on the 1st day, and $\frac{3}{4}$ th of the remaining on the second day. What part of the work is left at the end of the second day?
 A) $\frac{1}{6}$ th B) $\frac{5}{6}$ th C) $\frac{3}{6}$ th D) $\frac{1}{4}$ th
44. A report states that "Of the 180 employees in an office, 80 employees have never been posted to `Ambala and Amritsar'. Further it has been observed that of the 107 employees who were posted to Ambala, 57 had also served in Amritsar". The HR department of the office is computing how many employees have served either at Amritsar or Ambala. What could be the most appropriate answer?
 A) 43
 B) 100
 C) Data inadequate to get correct answer
 D) Data inconsistent to get correct answer
45. Three dice are tossed to find out the number which turns up. In how many ways one can get a total sum of 15?
 A) 8 B) 9 C) 10 D) 11

46-47 The following table gives information on the district-wise cases registered over the years.

Year	Number of Cases					
	Amritsar	Ludhiana	Ferozepur	Hoshiarpur	Patiala	Total
2004	75	144	114	102	108	543
2005	90	126	102	84	126	528
2006	96	114	75	105	135	525
2007	105	90	150	90	75	510
2008	90	75	135	75	90	465
2009	105	60	165	45	120	495
2010	115	85	160	100	145	605

46. What was the approximate percentage increase in the cases in Patiala in 2010 compared to that in 2004?
A) 25% B) 26% C) 33% D) 34%
47. For which district, the total number of cases for all the seven years is the maximum?
A) Amritsar B) Ferozepur C) Hoshiarpur D) Patiala
- 48-50 In a recent Test match India used three bowlers and relied on five key batsmen. Ojha took more wickets than the numbers of runs scored by Sachin. Gambhir scored as many runs as scored by Ishant and Aaron together. Ishant scored runs five times than those scored by Aaron. Sehwag scored more runs than Dravid but less than Kohli
Sachin scored more runs than Aaron. Ishant did not take any wicket in his spell of 20 overs but scored as many runs as the number of wickets taken by Ojha and Ashwin, who together bowled out the opponents' completely. Aaron scored 2 runs
48. Who scored maximum number of runs in the match?
A) Sehwag B) Dravid C) Kohli D) Data is inadequate
49. Which one of the following statements is true?
A) Ashwin took more wickets than Ojha
B) Ojha and Aaron were the most successful bowlers.
C) Ojha and Ashwin were the most successful bowlers.
D) Ojha took more wickets than Ashwin
50. Data is sufficient to tell:
A) How many runs did Gambhir exactly score?
B) How many runs did Sachin exactly score?
C) How many wickets did Ashwin exactly take?
D) How many wickets did Ojha exactly take?
- 51 The startup routine runs, when machine boots up is known as
A) I/O operation B) BOOT up C) Operating Routine D) POST
- 52 What is incorrect among the following statement:
A recursive function
A) calls itself B) is equivalent to a loop
C) has a termination condition D) does not have a return value at all
- 53 Which keyboard shortcut bolds selected text in MS-Office?
A) Ctrl+B B) Alt+B C) File/Format/Bold D) None of the above
- 54 Which key moves your cursor from one cell to the next in a table in MS-Word?
A) Tab B) Shift C) Enter D) Ctrl+Enter
- 55 Which of the following is a volatile memory?
A) ROM B) Hard Disks C) CD-ROM D) RAM
- 56 The existing class can be reused by
A) Inheritance B) Polymorphism C) Dynamic binding D) Abstraction

57 Which is not system software?

- A) Operating System B) Compiler C) MS Office D) Printer Driver

58 Following table indicates typical values of various storage means for currently available PCs.

Type	RAM	Hard Disk
Capacity	X	Y

X and Y can be respectively,

- A) 2GB, 300GB B) 2MB, 300MB C) 2KB, 300KB D) 2TB, 300TB

59 Which of the following is an output device?

- A) Bar Code Reader B) Scanner C) Multimedia Projector D) Keyboard

60 What is the output of the following program:

```
#include<stdio.h>
main()
{
    enum status {low,medium,high};
    enum status rain; rain=1;
    if(rain == low)
        printf("Rain=%d",rain);
}
```

- A) Rain = 0 B) Rain = 1 C) No output D) Error

61 A and B are two pointer variables, which of the following operations are legal?

- A) A-B B) A+B C) A*B D) None of the above

62 To change the data in a table, select the appropriate SQL command?

- A) Update B) Insert C) Browse D) Append

63 In SQL, which command is used to add a column/integrity constraint to a table

- A) Add Column B) Insert Column C) Modify Table D) Alter Table

64 A database administrator wants to remove a table from a database. Select the appropriate command for this purpose:

- A) Delete Table B) Drop Table C) Erase Table D) Detach Table

65 Select the name of the storage placement strategy in which a program is placed in the smallest available hole in the main memory?

- A) Best Fit B) First Fit C) Worst Fit D) Priority Fit

66 Round robin scheduling

- A) Gives equal chance to each task at the processor
 B) Gives un-equal chance to each task at the processor
 C) Gives interactive task more time at the processor
 D) Gives non-interactive task more time at the processor

67 An operating system is

- A) A collection of hardware components
 B) A collection of input-output devices
 C) A collection of software routines
 D) All of the above

68 What will be out put if following 'c' program

```
#include<stdio.h>
main()
{
    int var1=10, var2=20;
    if(var1=var2)
    {
        printf("\nVar1 and Var2 are equal.");exit();
    }
    else
    {
        printf("\nVar1 and Var2 are not equal.");
    }

    printf("\nProgram Ends.");
}
```

- A) Var1 and Var2 are equal. B) Var1 and Var2 are not equal.
 C) Var1 and Var2 are equal. D) Var1 and Var2 are not equal.
 Program Ends. Program Ends.

69 Which of the following formulas will MS-Excel Not be able to calculate?

- A) =SUM("Sales")-A3 B) =SUM(A1:A5)*.5
 C) =SUM(A1:A5)/(20-10) D) =SUM(A1:A5)-10

70 A UPS :

- A) increases the storage capacity of a computer system
 B) increases the process speed
 C) provides backup power in the event of a power cut
 D) increases I/O speed

71. Who among the following is the Chairman of the National Disaster Management Authority in India:

- A) President B) Vice President
 C) Prime Minister D) Chief Justice of India

72. Which of the following makes our country the most vulnerable to disasters in terms of area?

- A) Earthquake B) Cyclone C) Drought D) Flood

73. A place where an earthquake originates is called the

- A) Focus B) Tsunami C) Fault Line D) Epicenter

74. Which of the following earthquakes is matched incorrectly?

- A) Shillong 1897
 B) Kangra 1910
 C) Bihar 1934
 D) Assam 1950

75. Which seismic zone covers the largest geographical area of India?

- A) Zone I B) Zone II C) Zone III D) Zone IV

76. How much per cent area of India is prone to cyclone related disasters:

- A) 8 B) 12 C) 15 D) 4

77. The minimum gale force of wind that equals or exceeds to be called as cyclone is:

- A) Fourteen knot B) Twenty Four knot
 C) Thirty Four knot D) Forty Four knot

78. Which of the following abbreviations is not associated with disaster management?
A) DRR B) IRS C) ICS D) IIRS
79. Which of the following shall be handled by National Crisis Management Committee?
A) Earthquake B) Floods C) Serial Bomb Blast D) Cyclones
80. The State Disaster Management Authority of UT Delhi is headed by:
A) Chief Minister B) Lt Governor C) Chief Justice D) Prime Minister
81. What was Incident Response System earlier known as:
A) Incident Control System B) Incident Management System
C) Incident Command System D) Incident Reduction System
82. The word Tsunami originates from:
A) Japanese B) Arabic C) Chinese D) Hindi
83. The condition determined by physical, social, economic and environmental factors or processes, which increase the susceptibility of a community to the impact of hazards is called:
A) Hazard B) Risk C) Vulnerability D) Threat
84. Which of the following is not a hydro meteorological hazard?
A) Tropical storm B) Flood C) Drought D) Earthquake
85. The capacity of a system, community or society potentially exposed to hazards to adapt, by resisting or changing in order to reach and maintain an acceptable level of functioning and structure is called:
A) Threat acceptance B) Resilience
C) Risk acceptance D) Risk Transfer
86. Activities and measures taken in advance to ensure effective response to the impact of hazards, including the issuance of timely and effective early warnings and the temporary evacuation of people and property from threatened locations is called:
A) Response B) Mitigation C) Preparedness D) Rehabilitation
87. Which of the following is an Indian Remote Sensing Satellite to provide satellite images to manage disasters:
A) Landsat B) SPOT C) Cartosat D) Quickbird
88. Which of the following spatial resolution of satellite imageries shall provide the maximum details in an urban area to a disaster manager:
A) 80 m B) 32 m C) 5 m D) 1 m
89. Which of the following topographical maps, according to numbering, will provide detailed information about an area:
A) 53 B) 53 A C) 53 A/14 D) 53 A/18

90. Which of the following waves are most damaging for the structures on the surface of the earth:
A) Surface waves B) P waves C) S waves D) Shear Waves
91. The 1997 agreement between many countries to reduce their emissions of greenhouse gases into the atmosphere is called:
A) Cancun protocol B) Rio Protocol
C) Kyoto protocol D) Durban protocol
92. The recent Sikkim earthquake occurred on
A) Aug. 18, 2011 B) Sept 18, 2011 C) Sept 10, 2011 D) Sept 5, 2011
93. Disaster Reduction Day was observed in India on:
A) Oct 2 B) Oct 10 C) Oct 12 D) Oct 20
94. Which of the following should be done prior to occurrence of cyclone?
A) Keep monitoring the warnings. This will help you to prepare for a cyclone emergency.
B) Pass on the information to others.
C) Ignore rumours and do not spread them; this will help to avoid panic situations.
D) Check the house; secure loose tiles, carry out repair works for doors and windows
95. Following are pre flood actions. Identify the one which relates to post flood:
A) Avoid building in a flood prone area unless you elevate and reinforce your home.
B) Stay away from downed power lines, and report them to the power company
C) Contact community officials to find out if they are planning to construct barriers (levees, beams, floodwalls) to stop floodwater from entering the homes in your area.
D) Seal the walls in your basement with waterproofing compounds to avoid seepage
96. Diseases and infections naturally transmitted between non-human vertebrate animals and human beings are called:
A) Zoonoses B) Epidemics C) Pandemics D) HIVS
97. Integrated Disease Surveillance Programme(IDSP) was launched in
A) 2001 B) 2004 C) 2007 D) 2011
98. Bhopal Gas Disaster was due to :
A) Methane B) Ethane C) Methyl Isocyanate D) Carbon Mono oxide
99. Chemical disasters, in general, may not result from:
A) Fire. B) Explosion. C) Toxic release. D) Burning of crop residue
100. The NRSC is located at:
A) Bangalore B) Pune C) Hyderabad D) N. Delhi

Key 9.1							
Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.
1	B	26	C	51	D	76	A
2	C	27	B	52	B	77	C
3	D	28	A	53	A	78	D
4	A	29	D	54	A	79	C
5	C	30	D	55	D	80	B
6	A	31	B	56	A	81	C
7	B	32	B	57	C	82	A
8	C	33	C	58	A	83	C
9	D	34	D	59	C	84	D
10	A	35	C	60	C	85	B
11	C	36	C	61	A	86	C
12	B	37	B	62	A	87	C
13	C	38	A	63	D	88	D
14	D	39	B	64	B	89	C
15	C	40	D	65	A	90	A
16	A	41	D	66	A	91	C
17	B	42	A	67	C	92	B
18	B	43	A	68	A	93	C
19	C	44	D	69	A	94	D
20	B	45	C	70	C	95	B
21	A	46	D	71	C	96	A
22	C	47	B	72	B	97	B
23	D	48	D	73	A	98	C
24	C	49	C	74	B	99	D
25	A	50	A	75	B	100	C