

DR C.V. RAMAN BALVAIDNYANIC EXAM 2018

STD - 9TH

PROVISIONAL ANSWER KEY

EXAM DATE - 25-3-2018

Q.NO	ANS	Q.NO	ANS	Q.NO	ANS	Q.NO	ANS
1	1	20	3	39	1	58	3
2	3	21	1	40	3	59	4
3	4	22	1	41	4	60	3
4	3	23	3	42	2	61	3
5	4	24	4	43	3	62	1
6	3	25	3	44	1	63	2
7	4	26	1	45	2	64	2
8	3	27	2	46	4	65	1
9	1	28	2	47	4	66	3
10	4	29	4	48	2	67	3
11	2	30	2	49	2	68	1
12	3	31	4	50	2	69	3
13	4	32	2	51	2	70	4
14	4	33	2	52	2	71	4
15	1	34	3	53	2	72	2
16	2	35	2	54	4	73	4
17	2	36	3	55	3	74	1
18	3	37	2	56	1	75	3
19	4	38	3	57	2	BEST LUCK ***	

बुद्धिमत्ता प्रश्न - इ. ९ वी

प्र. 46 पर्याय (4) A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

प्र. 47 पर्याय (4) $3^2 + 5^2 = 34$, $4^2 + 5^2 = 41$
 $5^2 + 4^2 = 41$

प्र. 48 पर्याय (2) $23 - 15 = 8$ $24 - 16 = 8$
 $27 - 19 = 8$ $21 - 13 = 8$

Three pair - odd numbers - one pair - even numbers

प्र. 49 पर्याय (2) Father
 ↓
 (Mother) Sangita
 ↓
 Ramesh
 Mother

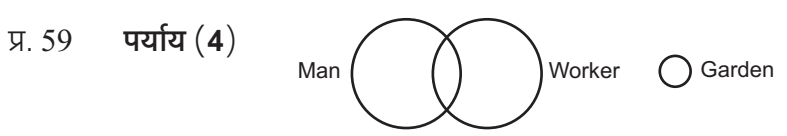
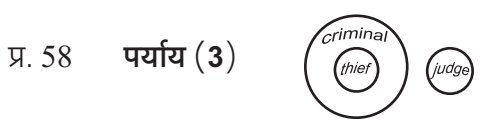
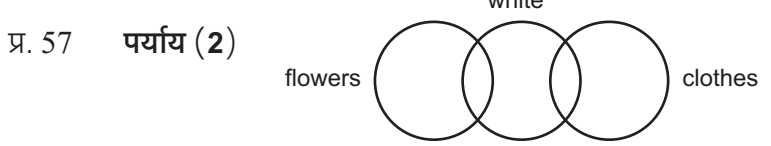
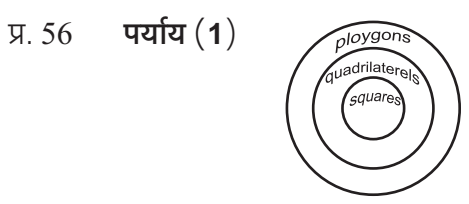
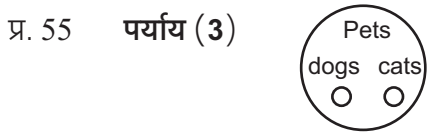
प्र. 50 पर्याय (2) 1) R N M S P 2) S P R N M

प्र. 51 पर्याय (2) Equal figure inside the outer figure
 2 → Rectangle → Square

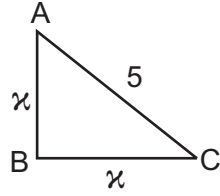
प्र. 52 पर्याय (2) No. of triangles - $8 \times 3 = 24 + 2 + 2 = 28$
 No. of squares - $= 3 + 2 = 5$
 Diff - $\frac{= 5}{\boxed{23}}$

प्र. 53 पर्याय (2) 6 9 7 8 20 2 9 7 8 5 14 8 9 7 8 20 5 4
 F I G H T B I G H E N H I G H T E D

प्र. 54 पर्याय (4) Small intestine → mouth



प्र. 60 पर्याय (3)



$$\begin{aligned}Ac^2 &= x^2 + x^2 \\(25) &= 2x^2 \\ \frac{25}{2} &= x^2 \\ \frac{5\sqrt{2}}{2} &= x\end{aligned}$$

प्र. 61 पर्याय (3)

1234567
~~Science~~ ~~Scrutiny~~ ~~Scripture~~ ~~Script~~
1 4 3 2

प्र. 62 पर्याय (1)

8 × 2 + 4 ÷ [12 ÷ 2 + 5] पदावलीच्या नियमाने
= 8 + 2 × 4 - [12 - 2 × 5]
= 8 + 8 - [12 - 10]
= 16 - [2]
= 14

प्र. 63 पर्याय (2)

8 (Sakal only) + 7 (Loksatta only) + 9 (Lokmat only)
= 24

प्र. 64 पर्याय (2)

सर्व (तिनही) वर्तमानपत्र वाचणारे → 4

प्र. 65 पर्याय (1)

Sakal + Loksatta = 10 (2)
Sakal + Lokmat = 6 (2)
Lokmat + Loksatta = 5 (2)
All the three paper readers = 4 (3)
25

प्र. 66 पर्याय (3)

कॅप्टन	→	सुभेदार	→	सैनिक	Total
1	→	1 × 25	→	25 × 25	
1	+	25	+	625	= 651
<hr/>					
25	+	(25 × 25)	+	(625 × 25)	
25	+	625	+	15625	= 16275

प्र. 67 पर्याय (3)

100 × 3 = 300 चॉकलेट्स → एकूण 374
300 ÷ 5 = 60
60 ÷ 5 = 12
12 ÷ 5 = $\frac{2}{5}$
374

प्र. 68 पर्याय (1)

मालक		घोडी
69	+	69
× 2		× 4
<u>138</u> ₁		<u>276</u> ₃
पाय →		पाय →
<hr/>		
		276
		+ 138
		<u>414</u> एकूण

- प्र. 69 पर्याय (3)
- | | |
|----------------------------------|-----------------|
| 1 झाड तोडण्यास लागणारा वेळ → | 5 min |
| सलग 2 झाड तोडण्यास लागणारा वेळ → | 5+5+5 = 15 |
| सलग 3 झाड तोडण्यास लागणारा वेळ → | 5+10+10 = 25 |
| सलग 4 झाड तोडण्यास लागणारा वेळ → | 5+10+10+10 = 35 |

x झाड तोडण्यास लागणारा वेळ
 $= (x \times 10) - 5$ मि
 $= (40 \times 10) - 5 = 395$ मि. = 6 ता. 35 मि.

$2:40 \text{ pm} - 6 \text{ h } 35 \text{ m} = 8:05 \text{ Am}$
8:05Am

- प्र. 70 पर्याय (2)
- $10x + 2x = 2 \text{ hours} = 120 \text{ mins}$
- | | | |
|-------------|--|---------------------------|
| $12x = 120$ | | $10 \times x = 10x$ उशीरा |
| $x = 10$ | | $10 \times 10 = 100$ |
- लवकर $2x = 20$ | $= 1\text{H} - 40 \text{ min}$
- | | |
|--|--|
| $\begin{array}{r} 6:00 \\ - 0:20 \\ \hline 5:40 \end{array}$ | $\begin{array}{r} 4:00 \\ + 1:40 \\ \hline 5:40 \end{array}$ |
|--|--|

- प्र. 71 पर्याय (4)
- x प्रश्न बरोबर सोडवले
 $(81 - x)$ चुकीचे
 $[(x) \times 4 - (81 - x) \times 1] = 234$
 $4x - 81 + x = 234$
 $5x = 234 + 81$
 $5x = 315$
 $x = 63$
 63 बरोबर + 18 चुकीचे + 9 न सोडवलेले
 $63 \times 4 = 252$
 $18 \times 1 = \frac{-18}{234}$

- प्र. 72 पर्याय (2) 

- प्र. 73 पर्याय (4) D S N E

- प्र. 74 पर्याय (1)
- | | | | |
|------------------------|------------------------------------|-------------------------|--|
| Before
6 years | Today | After
3 years | |
| 9:1 (27 आई
3 मुलगी) | 27+6
+3+6
<u>30+12</u>
42 | 3:1 (36 आई
12 मुलगी) | |
| M:D | | M:D | |
- $\frac{9x + 9}{1x + 9} = \frac{3}{1}$
 $9x + 9 = 3x + 27$
 $= 6x = 18 \quad x = 3$

- प्र. 75 पर्याय (3)