## IBPS PO Mains 2019 : (Solutions)

## **REASONING ABILITY**

Solutions (1-5):



- (d); 2.(a); 3. (d); 1.
- (c); 5.(e); 4.

Solutions (6-8):

Pages	Step I	Step II	Codes
90	18	72	24
120	24	96	32
270	54	216	72
300	60	240	80
330	66	264	88
315	105	210	30
231	77	154	22
567	189	378	54
399	133	266	38
525	175	350	50

Codes in ascending order- 22, 24, 30, 32, 38, 50, 54, 72, 80, 14. 88

Books in store A-

Pages	Codes
231	22
90	24
315	30
120	32
399	38

Books in store B-

	Pages	Codes
	525	50
	567	54
F	270	72
	300	80
	330	88

6.	(c);	7. (e);	8. (b);						
9.	(c);	I: B#M (False)	II: A%Y (False)	III: Y@B (True)					
10.	(b);	I: S#L(False)	II: J#U(True)	III: G@N (False)					
11.	(e);								
	$J(+) = F(-)$ $  \qquad   \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad$								
12.	(a);		J(+) <u> </u>	)					
		W(-) = Q(+)   N(+) - D(-)	— T(-) — R(+   A(+) — B(-	+) <del>=</del> V(-) +)					

13. (e);

$$J(+) = F(-)$$

$$|$$

$$W(-) = Q(+) - T(-) - R(+) = V(-)$$

$$|$$

$$N(+) - D(-) - A(+) - B(+)$$

(a);

Box	Color	Toffees
Р		169
0	Black	
N	Red	
М	Pink	
L	Blue	104
К	White	
J		65
Ι	Green	52
Н		
G	Yellow	
F		13
Е		
D		

15. (b);

Box	Color	Toffees
		169
	Black	
	Red	
	Pink	
	Blue	104
	White	
J		65
	Green	52
	Yellow	
		13

16. (c);

Box	Color	Toffees
D		169
Е	Black	
F	Red	
G	Pink	
Н	Blue	104
Ι	White	
J		65
К	Green	52
L		
М	Yellow	
Ν		13
0		
Р		

17. (d);

Box	Color	Toffees
		169
	Black	
	Red	
	Pink	
	Blue	104
	White	
J		65
	Green	52
	Yellow	
		13

- 18. (c); The exchange offer on furniture does not mean that there is no demand for furniture products. So, Assumption I is not implicit. The given advertisement is 'simplest' and 'cost effective', so Assumption II is also not implicit. Assumption III is implicit because some customers want to keep their home upto-date with reasonable cost and with less hassles and that is why that advertisement was given.
- **19. (b);** From the statement, it is clear that there had been some serious incidents in that area, so the situation become tense and out of control. If people remain in their home, then they cannot go to their offices. So, Assumption I and II are implicit. It cannot be said that when it will be normal. So, Assumption III is not implicit.
- **20.** (c); Argument I is not strong due to the word 'only'. There is some law which stop an individual to do wrong acts which he wants. So, Argument II is not strong. Argument III is strong because there is no confirmed evidence that such products have adverse effects on human body. What other countries are doing. We should not follow that blindly. So, Argument IV is not strong.





**Solutions (25-29):** Three persons sit between A and B. Person who is 32 years old sits immediate left of B. D and E are immediate neighbors of A whose seat number is less than 6. C sits 3<sup>rd</sup> to the left of A. No two vacant seats are placed adjacent to each other. Here, we get six possibilities i.e. Case 1, Case 2, Case 3, Case 4, Case 5 and Case 6.



H sits immediate left of one of the vacant seats. One person sits between G and F who is 40 years old. Here, Case 1, Case 3 and Case 5 are ruled out. Age of H is half the age of the person who sits at seat number 11.

Case 2												
Vaca	nt		Vac	ant			20	) Vaca	32	2.	40	
_	╇				_			vaca	int			_
	I.			I I	_ I				_ I			
C D/EAE/DH G B								F				
1	1	2	3	4	5	6	7	8	9	10	11	



Sum of the age of D and G is 82. Do, D's age will be 50. B is as many years older than H as younger than D. So, B's age will be 35. Persons whose age are 26 and 28 years sit at odd numbered seats. Here, Case 2 is ruled out. D sits left of the person whose age is 22 years and right of the person whose age is 28 years. No vacant seat is between H and the person whose age is 22 years. Here, Case 6 is ruled out. So, the final arrangement will be: -

	_	28 Vaca	nt50	22	2 26	Va 20	acan	1t 32	235 I	Vac	ant	40
		C 1 2	D 3	A 4	E 5	н Н 6	1 7	1 G 8	B 9	1	1 0	F 11
25.	(b);		26. (	c);			27	'. (e	c);			
28.	(e);		29. (	d);								
Solu	tion	<mark>s (30</mark> -3	34):									
		Desi	gnati	on	Per	son	Γ	Ci	ty			
			GM		С		Hy	/de	rab	ad		
		A	GM		F	7		Pui	ne			
		(	CEO		Ι	)		Pur	ne			
		Ma	nagei		A			Pu	ne			
		Assista	nt Mana	ager	H	ł	Hy	/de	rab	ad		
			PO		H	3		Del	hi			
		0	lerk		E			Pun	e			
		Sul	o Staff	?	(	Ĵ		Del	hi			

$$\begin{array}{c} B(+) = D(-) & F(+) = C(-) \\ | & | \\ H(+) = E(-) - A(+) = G(-) \end{array}$$

30. (a); 31. (a); 32. (e);

- 33. (b); 34. (c);
- 35. (d); For I- This course of action should be taken as a measure to prevent the students from becoming victims of deadly online game as by introducing a separate chapter on "Responsible use of Internet," in school syllabus students may get to know about the proper use of internet.
  For II- This is also a preventive course of action

**For II-** This is also a preventive course of action as by issuing warning against sharing of game will stop further spreading of this deadly game. **For III-** This is also a preventive course of action as an awareness programme against playing such "dangerous" online games is an essential step that should be taken to prevent further spread of the game through sharing.

**For IV-** The conduction of the workshop by the state government in different schools to counsel students on the danger of playing games like Blue Whale will also be a preventive course of action as a measure to prevent the students from this deadly game.

**36. (a)**; Inference is something which can be drawn from the facts stated in the statement.

**For I-** This statement can be inferred from the given statement because it is mentioned in the given statement that it is their first substantive meeting post the 73-day Dokalam face-off. Prime Minister Narendra Modi and Chinese President Xi Jinping held "constructive" talks.

**For II-** This statement can also be inferred from the given statement as it describes that India and China today agreed on a "forward-looking" approach which is also mentioned in the given statement that both Modi and Xi agreed on maintaining peace and tranquillity in the border areas was a pre-requisite for the development of India-China relations.

**For III-** This statement cannot be inferred from the given statement as it is nowhere mentioned in the given statement that issue of counter terrorism is discussed in the meeting or not.

**37.** (c); For I- This statement cannot be hypothesized from the given statement as it is nowhere mentioned that the opposition has criticized Modi government over its promises, particularly on job growth.

**For II-** This statement can be hypothesized from the given statement as this reshuffles and expansions can be categorized as calculative or a strategic step as it is clearly mentioned in the given statement that 2019 Lok Sabha polls drawing near, the concern within the government was to ensure last-mile delivery of projects.

**For III-** This statement can be hypothesized from the given statement as the agenda behind this reshuffle will be coming 2019 Lok Sabha showdown which is also mentioned in the given statement that 2019 Lok Sabha polls drawing near, the concern within the government was to ensure last-mile delivery of projects.

Solutions (38-40):

Logic-

Step I- Only first and last letter of each word have been interchanged.

Step II- For words having even numbered letters- middle two letters are picked and add 1 in the number of letters.

For words having odd numbered letters- Both extreme letters are picked and subtracts 1 in in the number of letters.

Step III- Replace odd number by # and even number by @. Replace vowel by next letter and consonant by previous letter.

Step IV- Pick second letter from left from the letters having # and first letter from left from the letters having @.

Phrase	Step I	Step II	Step III	Step IV
recover	recover			
that	that	rr6 ha5	qq@_gb#	hi# af@
device	eevicd	vi7 ei4	uj# fj@	DJ# qI@
issue	essui			

**38**. (d); **39**. (b); **40**. (c);

**Solutions (41-45):** From the given statements, R% who is graduated from UGI sits opposite to the one who sits at the immediate left of R©. R $\Omega$  sits just behind the R\*. So, we have two possible cases i.e. case1 and case2. The one who is graduated from KPJ sits just behind the R©. The one who is graduated from KPJ sits just behind the one who sits second to the left of the one who is graduated from UPI. **CASE 1** 



CASE 2



R $\Omega$  sits at the immediate right of R&. R& sits just behind the one who is graduated from UGI. So, case 2 gets eliminated here. The persons who are graduated from FPT and HNB are sitting on the same table and sit opposite to each other which means these persons are sitting on the inner table. R& is not graduated from FPT. The one who is graduated from HTS sits at the immediate left of the one who is graduated from LPU which means R@ is graduated from HTS, R© is graduated from LPU and R $\Omega$  is graduated from NIT. R\$ is not graduated from FPT which means R\$ is graduated from KPJ and R# from FPT. So, the final arrangement is:



<b>L-</b>										
Solutions (46-50):	В	200	0 1500	30	20	2.5 (150 min)				
TOY A:	C	240	0 1440	45	30	1.6 (96 min)				
Battery available = 1200 units	16									
Battery in operation = 11:00 – 9:00 = 2 hrs = 120 min	40.	(a);								
4NM + 3HR = 1 unit			4NM + 3HR = 1	unit						
4800 NM + 3600 HR = 1200 unit(i)		6000 NM + 4500 HR = 1500 units								
To find per minute NM & HR, divide (i) by the time for			For operational	time, div	ide total	l NM by per min				
which battery remained in operation			NM							
40 NM/min + 30 HR/min = 10 unit/min			Time = $\frac{6000}{1000} = 1$	50 min						
NM (A) = $40 \text{ per min}$			40 TOV D							
HR (A) = 30 per min										
TOY B:			3NM + 2HR = 1	unit						
NM (B) = 30 per min			6000 NM + 400	0 HR = 20	000 unit	S				
HR (B) = 20 per min			For operational	time, div	ide total	NM by per min				
3NM + 2HR = 1 unit			NM							
Battery available = 1500 units			Time = $\frac{6000}{20} = 2$	00 min						
4500 NM + 3000 HR = 1500 unit			30 Required time of	lifference	= 200 =	150 = 50 min				
Since we know per min HR & NM, dividing total HR by			Required time t	interence	. – 200	150 – 50 mm				
HR/min we can find time for which battery remains	47.	(b);	total NM = 45 $\times$	96 = 43	20					
operational			Total HR = 30 $\times$	96 = 28	80					
Battery in operation = 150 min = 2.5 hrs			Required differe	ence = 43	20 - 28	80 = 1440				
TOY C:	10	a								
NM (C) = $45 \text{ per min}$	48.	(b);	3NM + 2HR = 1	unit						
HR(C) = 30 per min			$3 \times 0.1 + 2HR =$	= 1						
Battery capacity = 2400 units			HR = 0.35 unit							
Battery available = 1440 units	49	(e)·	total NM/min =	40 + 30 -	+ 45 = 1	15				
3NM + 2HR = 1 unit	17.	(0)	Total HR/min =	30 + 20	+30 = 80	0				
4320 NM + 2880 HR = 1440 unit			Poquirod $06 = \frac{11}{10}$	$15-80 \sim 10$	00 - 42	7504				
Since we know per min HR & NM, dividing total HR by			Kequireu % – –	80 × 1	00 – 43	.7.5%0				
HR/min we can find time for which battery remains	50.	(d);	3NM + 2HR = 1	unit						
operational			7200 NM + 480	0 HR = 24	400 unit					
Battery in operation = 96 min = 1 hr 36 min			For operational	time, div	ide total	NM by per min				
Total Available NM HR Battery	1		NM							
Battery Battery (per ) (per ) Operational			Time = $\frac{7200}{4\pi} = 1$	60 min oi	r 2hr 40	min				
(units) (units) min) min) Time (hrs)			Required time =	= 9:00 + 2	:40 = 11	:40 AM				

OUANTITATIVE APTITUDE

2 (120 min)

1500

А

1200

40

30

**51.** (a); Increased sales amount of company X in 2012  $= 24000 \times \frac{120}{100} = \text{Rs.} 28800$ Increased sales amount of company Y in 2012 =  $16000 \times \frac{125}{100}$  = Rs. 20000 Sales amount of company Z in 2012= Rs. 12000 Total sales amount of company X,Y and Z together in 2012=28800 + 20000 + 12000 = Rs. 60800 Total target sales amount of all the companies in 2012 = Rs. 60000Required difference = 60800 - 60000 = Rs. 800 52. (d); Sales amount of company Y in 2018  $=\frac{15}{17} \times 34000 = 30000 \text{ Rs.}$ Required Average  $=\frac{14000+34000+30000}{3} = 26000 \text{ Rs.}$ 53. (b); Sales amount of company X in 2018  $= 16000 \times \frac{150}{100} = \text{Rs.} 24000$ Sales amount of company Y in 2018 =  $34000 \times \frac{120}{100} = \text{Rs.} 40800$ Total target sales amount of all the companies together in 2018=75000  $\times \frac{120}{100} = \text{Rs.}90000$ Sales amount of company Z in 2018 to meet the total target sales= 90000-24000 - 40800 = 25200 Rs. Sales amount of company Z in 2016= 14000 Rs. Required % =  $\frac{25200-14000}{14000} \times 100 = 80\%$ (c); Required  $\% = \frac{14000}{75000} \times 100 = \frac{56}{3}\% = 18\frac{2}{3}\%$ 54. **55.** (e); Total sales amount of X in 2012,2014 and 2016 together= 24000+20000+16000 = 60000 Rs. Total sales amount of Z in 2012,2014 and 2016 together= 12000+26000+14000 = 52000 Rs. Required difference = 60000 - 52000 = 8000 Rs. **56.** (b); let total voters from village Z2 & Z4 is  $3x^{\circ} \& 7x^{\circ}$ respectively Total voters from village Z3 =  $(252^{\circ} - 10x^{\circ})$ ATQ,  $252^{\circ} - 10x^{\circ} > 3x^{\circ}$ Check using options Only at 54°, above equations satisfies Z2 (registered voters) =  $54^{\circ}$ Z3 (registered voters) =  $72^{\circ}$ Z4 (registered voters) =  $126^{\circ}$ **57.** (e); ATQ, 54° = 10800 Valid votes in Z2 =  $\frac{98}{100} \times 10800 = 10584$  $Z4 = 126^{\circ} = 25200$ Since valid votes in Z4 can either be 480 more or less than that of from Z2 Valid votes from Z4 = 480 + 10584 = 11064 Valid votes from Z4 = 10584 – 480 = 10104 Invalid votes from Z4 = 25200 - 11064 = 14136 Or, 25200 - 10104 = 15096

Total registered voters = 360° = 72000 Total invalid votes = 20% of total registered votes = 14400 Since invalid votes from Z4 should be less than total invalid votes So, valid votes Z4 = 11064 Invalid votes from Z4 = 14136 Required difference = 14136 - 11064 = 3072 **58.** (d); total voters from Z3 = 72°

- 58. (d); total voters from Z3 = 72°
   Central angle corresponding to valid votes of Z3
   ≤ central angle corresponding to total voters of Z3
   Only satisfying value = 60°
- **59.** (b); invalid voters from Z1 = 2200 Invalid voters from Z2 = 1800 Total registered voters from Z2  $=\frac{100}{20} \times 1800 = 9000$  $54^{\circ} = 9000$ Required difference  $=\frac{126}{54} \times 9000 - \frac{72}{54} \times 9000$ = 21000 - 12000 = 9000

60. (c); let valid voters from Z1 be a Valid voters from Z4 are more than that of Z2 So, valid voters from Z4 = 480 + 3600 = 4080a + 4080 = 10800a = 6720valid voters from Z3 =  $\frac{4}{3}(6720 - 3600) = 4160$ 

**Solutions (61-65):** Using data given, we get Orders continued (booked) = Orders Received – Orders

Cancelled

_												
0	1	1 - 1		1	0.1		D 1 1		A	to 1	D - 1'	1
Ur	iders	del	ivere	1 =	: Ura	pro	: KOOKEA	_	Urders	nor	Denvere	n.
<b>U</b> 1	acis	uci		~	oru		Dooneu		oracis	noc	Denvere	u

Days	Orders Received	Orders Booked	Orders Cancelled	Orders Delivered	Orders Not Delivered
Monday	600	400	200	280	120
Tuesday	400	400 – Y	Y (let)	320 – Y	80
Wednesday	500	300	200	140	160
Thursday	600	360	240	60	300
Friday	X (let)	X - 80	80	X - 280	200
Saturday	400	400 – Z	Z (let)	280 – Z	120

**61.** (d); required difference = (300 + 360) - (280 + 140) = 240

62. (b); ATQ, 400 - Y = 50 + 400 - Z Z - Y = 50 .....(i) Y + Z = 30 + 80 + 120 Y + Z = 230 .....(ii) From (i) & (ii), Z = 140, Y = 90Required  $\% = \frac{(90-80)}{80} \times 100 = 12.5\%$ 

63. (a); ATQ, 600 + X + 400 = 150 + 600 + 400 + 500X = 650

X - 280 > 280 - ZWhere, p = no. of duplicate applicants for B Z < 90 q = average no. of duplicate applications from duplicate Required difference = Z - 60applicants for C Since Z < 90 so required difference should be less r = average no. of duplicate applications from duplicate than 30(90 - 60)applicants for D s = total no. of applications received for D **64.** (d); ATQ, 320 – Y =  $\frac{2}{3}$  × 360 t = no. of duplicate applicants for E Y = 80u = average no. of duplicate applications from duplicate X - 280 + 280 - Z = 390applicants for E X - Z = 390 .....(i) **66.** (d); let accepted & rejected application from males is So, X > Z5x & 3x respectively X - 80 > 280 - ZLet accepted & rejected application from females X > 360 - Z ....(ii) is 5y & y respectively From (i) & (ii), Z + 390 > 360 - Z 5x + 5y = 725 .....(i)  $Z < 15 \text{ or } 0 \le Z \le 14$ 3x + y = 315 .....(ii) So,  $390 \le X \le 404$ Equating (i) & (ii) (a) Y > 80 not true (b) Y - Z = 322 or Z - Y = 322x = 85 Z = 402 not true required no. of rejected applications from males (c) X - 280 > 500 not true = 3x = 255(d) 280 - (X - 280) = 160**67.** (c); ATQ, 420 - t(u + 1) = X + X + Y .....(i) X = 400 true t(u + 1) = X + 2Y .....(ii) (e) 80 > 200 not true using (i) & (ii) **65.** (c); ATQ,  $\frac{600+X}{280+140+280-Z} = \frac{65}{34}$ 420 = 3 (X + Y) $\frac{600+X}{700-Z} = \frac{65}{34}$ .....(i)  $Y = \frac{90}{100} \times 200 = 180$ X + Y = 140 .....(iii) **A.** X = 139 This means, Y = 1Since no relation regarding value of Y is given so, Z = 200 - Y = 20Now putting value of Z in (i) this is possible.  $\frac{600+X}{2} = \frac{65}{24}$ Given condition is true. 680 34 **B.** X = 141 On solving, X = 700Using (iii), X at most can be 140 Total orders booked = 400 + 400 - Y + 300 + 360 This condition is not possible + X - 80 + 400 - Z = 2280**C.** X = 131 Solutions (66-70): This means, Y = 9All applicants who submitted more than one application, Since no relation regarding value of Y is given so, their original submission is also rejected. this is possible. FOR POSITION A: Given condition is true. 63 applications were declared duplicate since these 63 **68.** (a); ATQ, 725 + 880 - 7p = 659 × 2 applicants submitted more than one application Solving, p = 41Total rejected applications =  $63 + 63 \times 4 = 315$ Required rejected applications = 7p = 287Following the same, we get **69.** (e); ATQ,  $\frac{s-48(r+1)}{48(r+1)} = \frac{4}{1}$ Original Total Rejected Position (accepted)  $s = 240 (r + 1) \dots (i)$ Applications Applications Applications **A.** Given s = 240 725 Α 1040 315 This is possible only when r = 0 but we know r > 00 (average no. of duplicate applications from В 880 880 - 7p 7p

0 (average no. of duplicate applications from duplicate applicants cannot be zero since there are applications which were declared duplicate) This condition is not true.

**B.** Given s - 48(r + 1) = 768

600

S

420

600-28(q+1)

s - 48(r + 1)

420 - t(u + 1)

С

D

Е

28(q + 1)

48(r+1)

t(u + 1)

From (i), 240(r + 1) - 48(r + 1) = 768 $192 (r + 1) = 768 \Rightarrow r = 3$ this condition is true. C. least no. of applications were received for D is a possibility. This is true only if s < 420 (since 420 applications were received for E) 240 (r + 1) < 420  $r + 1 < 1.75 \Rightarrow r < 0.75$ this is not possible as we know r can only be non zero integer so, this condition is not true. 70. (b); let no. of accepted applications from males & females for C be x & y respectively ATQ, 150 < x < 200 And, 130 < y < 180 To find, q = ?Applications accepted from all (males + females) for C = 600 - 28(q + 1)600 - 28(q + 1) = x + y .....(i) Minimum possible value of 'x + y' = 151 + 131= 282 Maximum possible value of 'x + y' = 199 + 179= 378So,  $282 \le x + y \le 378$  .....(ii) Using (i) & (ii)  $282 \le 600 - 28(q+1) \le 378$ On solving above inequality,  $222 \le 28 (q + 1) \le 318$  $\frac{97}{14} \le q \le \frac{145}{14}$ Satisfying values of q = 7, 9Solutions (71-72): Let there are x girls in class A  $\frac{50}{50+x} = \frac{5}{12}$ x = 70 (girls in class A) let there are y & z boys in class B & C respectively  $\frac{y+z}{50+y+z} = \frac{14}{19}$ y + z = 140 .....(i)  $\frac{y}{y+80} = \frac{z}{z+60}$ yz + 60y = yz + 80zy: z = 4:3 .....(ii) using (i) & (ii) y = 80, z = 60 С А В Boys 50 80 60 Girls 70 80 60 **71.** (a); Boys in class C = 60 **72.** (d); total students in class B = 80 + 80 = 160 Total student in class A = 50 + 70 = 120

Required % =  $\frac{160-120}{120} \times 100 = 33\frac{1}{3}\%$ 

**73.** (c); The given pattern is ×1+1 ×2+2 ×3+3 ×4+4 ×5+5 ×6+6 So, wrong number =3 The new series will be  $B = 3 \times 1 + 1 = 4$  $C = 4 \times 2 + 2 = 10$  $D = 10 \times 3 + 3 = 33$ 

## Solutions (74-78):

Let one woman, one man and one children can complete w, m and c units of work in one day From question  $xw \times 2y = 1.5mx \times y = 2xc \times 3y$ 2w = 1.5m = 6cLet 2w = 1.5m = 6c = kSo, w: m: c = 3: 4: 1 or 3a: 4a: a (let)Total work =  $\frac{45}{2} \times 8(1w + 1m + 1c)$  $=\frac{45}{2} \times 8 \times 8a = 1440$  a units According to question  $9m \times (y + 20) = 1440a$  $9 \times 4$  a (y + 20) = 1440 a y = 20So,  $x \times w \times 2y = 1440 a$  $x \times 3a \times 2 \times 20 = 1440a$ x = 1274. (c); y = 20 **75.** (e); work completed by 36 women in 4 days = 36 × 3 a × 4 = 432 a units After 4 days Remaining work = 1008 a units Now in one day work completed by 6 women and 8 men = 32 a + 18 a = 50 a units Required time =  $\left(\frac{1008a}{50a} + 4\right)$  days =  $24\frac{4}{25}$  days **76.** (a); Value of x = 12 **77.** (e); Required percentage =  $\frac{a}{8a} \times 100 = 12.5\%$ 78. (e): Total work completed  $= 6 \times 3 a \times 14 + 6 \times 4 a \times 10$ = 252 a + 240 a = 492 a units Remaining work = 1440 a units - 492 a units = 948 a units Required time =  $\frac{948a}{6a}$  days  $\Rightarrow$  158 days Solutions (79-80): Let total students in class A be 100x. Male Female Class A 70x 30x: Class B 90x 90x **79.** (c); Let male students got passed in class A be y. Male students passed in class B = 3y. ATQ,

 $70x - y = 90x - 3y \Rightarrow 2y = 20x$ 

$$\frac{y}{x} = \frac{10}{1} \Rightarrow y = 10x$$
  
Required  $\% = \frac{4y}{280x} \times 100 = \frac{4 \times 10x}{280x} \times 100$ 
$$= \frac{100}{7}\% = 14\frac{2}{7}\%$$

80. (a); Male students in class  $A = \frac{90}{100} \times 70x = 63x$ Female students in class  $A = \frac{80}{100} \times 30x = 24x$ 

## **ENGLISH LANGUAGE**

- **81.** (c); If someone or something queers your pitch, they make it very difficult for you to achieve what you are trying to do. To gather the hint of the situation, refer to the second paragraph, which mentions, "Yet, with growth sagging, there is pressure on the central bank to cut rates at least one more time to stimulate growth. It would be interesting to watch the deliberations of the MPC in February." Referring to the quoted text, we can infer that the statement given in options (a) and (d) are correct in context of the given phrase. Hence, option (c) is the most suitable answer choice.
- 82. (c); To validate the answer, refer to the first paragraph of the passage given above, which mentions, "The disturbing December print has set off fears over whether India is entering a period of slow growth accompanied by high inflation, in other words, stagflation." Referring to the quoted text, we can clearly infer that the situation mentioned in the option (c) is an example of stagflation. Hence, option (c) is the most suitable answer choice.
- **83.** (b); To validate the answer, refer to the second paragraph, which mentions, "The central bank stood pat on rates in the December policy precisely due to fears of inflation and had even revised upwards its inflation projection for the second half of the fiscal to 4.7-5.1%." Referring to the quoted text, we can infer that the statement given in option (b) is incorrect. Hence, option (b) is the most suitable answer choice. Stood Pat- To oppose or resist change
- **84.** (a); As per the information given in the passage above, none of the mentioned statements are correct. Hence, option (a) is the most suitable answer choice.
- **85.** (c); From the various parts of the passage given above, we can infer that the statement given in option (c) is suitable in context of the given

Male students in class B =  $\frac{125}{100} \times 90x = 112.5x$ Female students in class B =  $\frac{130}{100} \times 90x = 117x$ Required % =  $\frac{(63x+112.5x)}{(63x+24x+112.5x+117x)} \times 100$ =  $\frac{175.5x}{316.5x} \times 100$ = 55.45% (approx.)

question. Hence, option (c) is the most appropriate answer choice.

- 86. (e); To validate the answer, refer to the last paragraph of the passage given above, which mentions, "But Americans can fight for greater economic dignity, Sperling said, arguing that many already are: By unionizing; pushing for a higher minimum wage; lobbying for better leave, child-care, and health-care policies; and demanding action against workplace sexual misconduct, they're working to claim more of what he put forward as the base necessities for all working people." Referring to the quoted text, we can infer that all the given statements are correct in context of the given question. Hence, option (e) is the most suitable answer choice.
- 87. (b); As per the information given in the passage, we can infer that the statement given in option (b) is in line with the author's viewpoint. Hence, option (b) is the most suitable answer choice.
- 88. (e); As per the information available in the above passage, all the given statements are correct. Hence, option (e) is the most suitable answer choice.
- 89. (c); In the second passage, presenteeism has been defined as the 'number of hours one spends at workplace'. From the statement ", we can infer that author has given value to output instead of staying for longer duration at work. Hence, option (c) is the most suitable answer choice among the given statements.
- 90. (d); Among the given options 'lead the pack', which means ", is the most suitable phrase which could make the statement grammatically correct as well as contextually meaningful. Hence, option (d) is the most suitable answer choice. A cup of Joe is an American nickname for a cup

A cup of Joe is an American nickname for a cup of coffee.

All and sundry: Everything without distinction

- **91.** (c); Among the given words, 'confrontation' which means 'a hostile or argumentative situation or meeting between opposing parties' is opposite of 'collaboration'. Hence, option (c) is the most suitable answer choice.
- 92. (c); Among the given statements, statement [I] is grammatically correct. In the other two statements, the errors are[II] The error lies in the part (C), where 'condemned by all' will be replaced with 'condemned' because of the presence of 'universally'. Adding 'by all' after 'universally' will make the statement superfluous.
  [III] The error lies in part (B), where "known by" must be replaced with "known to". Hence, option (c) is the most suitable answer
- **93.** (b); Among the given phrases, only A-E can be successfully connected to make a contextually meaningful and grammatically correct statement. The statement thus formed will be: "If organizations or states do not learn from one another, the same attacks will needlessly take down countless entities."

choice.

**94.** (d); Here, the phrases given in (B) and (F) connect well to form a grammatically correct and contextually meaningful statement. Similar is the case with (C) and (E). The statements thus formed will be:

"Speculators, thieves, and promoters long ago created and fed a market where cultural icons could be traded like commodities."

"Ethical appeals notwithstanding, great art will increasingly devolve into big business."

**95.** (a); Here, the phrases given in (B) and (D) connect well to form a grammatically correct and contextually meaningful statement. Similar is the case with (A) and (E). The statements thus formed will be:

(i) A lack of meaningful GDPR enforcement by regulators had already been fairly well established.

(ii) Neither companies nor CMPs seem keen on shoring up that pathetic 12 percent compliance rate.

**96.** (c); The correct sequence of the phrases of the statement [I] to make the statement grammatically correct and contextually meaningful will be **DABC**. The statement thus formed will be:

"Published in 2000, the novel Confessions of a Shopaholic sold three million copies and was even turned into a Hollywood blockbuster."

- 97. (b); The correct sequence of the phrases of the statement [II] to make the statement grammatically correct and contextually meaningful will be CBDA. The statement thus formed will be:
  "Take fast fashion the wear-it-once culture of high-street brands and their just-in-time manufacturing at the expense of low labour costs leads to untold waste in production and disposal of unsold stock."
- **98.** (e); Although all the statements are in a jumbled sequence, they are all centered around the similar theme being 'conscious consumers'. Here the introductory statement will be [I], which is an independent statement and find its connection in statement [IV]. Further the next statements will be in sequence of [III], [II] and [V]. Hence, option (e) is the most suitable answer choice.
- **99. (c);** The correct sequence of the phrases of the statement [III] to make the statement grammatically correct and contextually meaningful will be **CDAB**. The statement thus formed will be:

"Even the most extravagant consumers have become more discerning about the impact of their choices on the environment and on societies."

**100. (a);** The correct sequence of the phrases of the statement [IV] to make the statement grammatically correct and contextually meaningful will be **ADCB**. The statement thus formed will be:

"Only two decades later, the obsession with treating oneself by buying luxury items, which was at the core of the story, feels terribly outdated."

- **101. (c);** For the highlighted words, the correct arrangement will be **BACD**. Also, "**contagion**" must be replaced with "**mandate**" to make the statement grammatically and contextually correct. Hence, option (c) is the most suitable answer choice.
- **102. (d);** For the highlighted words, the correct arrangement will be **CADB**. Also, "**eternity**" must be replaced with "**extremely**" to make the statement grammatically and contextually

correct. Hence, option (d) is the most suitable answer choice.

- **103. (c);** For the highlighted words, the correct arrangement will be **DBAC**. Also, "**champagne**" must be replaced with "**campaign**" to make the statement grammatically and contextually correct. Hence, option (c) is the most suitable answer choice.
- 104. (c); For the highlighted words, the correct arrangement will be DABC. Also, "livid" must be replaced with "lifestyles" to make the statement grammatically and contextually correct. Hence, option (c) is the most suitable answer choice.
- **105. (d)**; Among the given highlighted words, the correct rearrangement will be DABC, which will make the statement contextually meaningful and grammatically correct. Also, all the given words are correct and do not require improvement. Hence, option (d) is the most suitable answer choice.
- **106. (e);** Among the given highlighted words, all of them have been correctly placed and are correct in context of the given statement. Therefore, none of them needs to be replaced. Hence, option (e) is the most suitable answer choice.
- **107. (c)**; Among the given phrases, the most suitable phrase to fill in the given blank will be "". No other phrase could make the statement both grammatically correct and contextually meaningful. Hence, option (c) is the most suitable answer choice.
- **108. (d);** Among the given words, **'pompous'** which means 'affectedly grand, solemn, or self-important' is the most suitable word to fill in all the three blanks. Hence, option (d) is the most suitable answer choice.
- **109. (a);** Refer to the statement "At first, the astronautscientists will spend about 26 days in the orbiting workshop, but later visits lasting up to 56 days are planned." From the quoted text, we can infer that the statement given in option (a) is incorrect in context of the information given in the paragraph.
- **110. (d);** Among the given words, 'overhaul' which means 'analyse and improve (a system)' is synonymous

with 'modified'. Hence, option (d) is the most suitable answer choice.

Immutable: unchanging over time or unable to be changed.

Incertitude: a state of uncertainty or hesitation.

Voracious: wanting or devouring great quantities of food.

- **111. (b);** The correct interchange to make the sentence grammatically and contextually correct is B-D. It is to be noted that part (B) mentions a reflexive pronoun "which" that is precisely used to illustrate the details of the subject "the small savings scheme" mentioned in part (A). Hence, the correct interchange would be B-D, thus, option (b) becomes the correct answer choice.
- **112. (a);** The correct interchange to make the sentence grammatically and contextually correct is A-C. The correct subject that a sentence would require is given in Part (C). Hence, by interchanging the positions of A-C, the sentence would be:

The agencies did not alter ratings despite deteriorating financial conditions of the group such as stress in balance sheets, lack of cash flows, inability to monetise assets. Thus, option (a) is the correct answer choice.

- 113. (d); To make the sentence grammatically correct and contextually meaningful, we must interchange the phrases A-D and B-C. The meaningful sentence thus formed is Though taxes on goods have come down from the pre-GST era, only a few services such as restaurants and under-construction properties have benefited from rate reductions. Hence, option (d) is the correct answer choice.
- **114. (e);** All the phrases of the given sentence are in correct order and do not require any interchange. Thus, option (e) becomes the most viable answer choice.
- **115. (c);** Among the given phrases, (A)-(C) and (B)-(D) must be interchanged to make a grammatically correct and contextually meaningful statement. The correct statement thus formed will be: "In this universe of instant gratification, Test cricket with its five-day schedule and breaks for lunch and tea, might seem an anachronism."

