AFCAT

BOOKLET SERIES 'B' TIME ALLOTTED – 2 HRS

Set No XII

INSTRUCTIONS FOR CANDIDATES

- 1. Total Number of Questions-100. Each Question is of three marks.
- 2. One mark will be deducted for every wrong answer.
- 3. No mark will be deducted for un-attempted questions.
- 4. Do not write on the Question Paper or make any mark on it.

Q1-4. Which word or words explains the meaning of the following idioms:-

Q1.	In a jif (a)	fy Outstanding	(b)	Suddenly	(c)	In a fix	(d)	Appropriate
Q2.	Upto t (a) (c)	Jpto the hilt a) Completely				Upto the mark None of these		
Q3.	Man of Letters (a) Who writes too many letters (c) A politician			(b) (d)	An important person A literary person			
Q4.	Sangfroid (a) Composure (c) Changed Suddenly			(b) (d)	Go on leave Make an attempt			

Q5-10 Select the most appropriate word from the options against each number:-

As home entertainment, television is rapidly becoming more (5) than any other form. A news broadcast becomes more immediate when people (6) actually see the scene (7) question and the movement of the figures. Films could be viewed in the (8) of the home and a variety of shows are also available. One of the advantages of travel programmes is the (9) of faraway places which many viewers would not (10) see.

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Q5.	(a)	interesting	(b)	popular	<u>(c)</u>	powerful	(d)	purposeful
Q6.	(a)	could	(b)	would	(c)	might	(d)	shall
Q7.	(a)	of	(b)	with	(c)	as	(d)	in
Q8.	(a)	surroundings	(b)	assistance	(c)	comfort	(d)	privilege
Q9.	(a)	glimpses	(b)	image	(c)	portrait	(d)	picture
Q10.	(a)	possible	(b)	rather	(c)	else	(d)	otherwise
Q11-1	4. Cho	oose the word	which	is nearest in r	neaning	g to the given	word:-	
Q11.	Spora							
	(a)	Epidemic	(b)	Whirling	(C)	Occasional	(d)	Stagnant
Q12.	Gene	sis						
	(a)	Style	(b)	Beginning	(c)	Movement	(d)	Relevant
Q13.	Intran	sigent						
	(a)	Authoritative	(b)	Impersonal	(c)	Strenuous	(d)	Unbending
Q14.	Intimi		<i>4</i>				6.0	
	(a)	Mislead	(b)	Misplace	(c)	Frighten	(d)	Demoralise
Q15-1	8. Ch	noose the word	d which	n is nearly opp	osite i	n meaning to t	he give	n word:-
Q15.	Cleme (a)	ency Corporal	(b)	Intolerance	(c)	Compromise	(d)	Sensibility
_		·	(0)	Intolerance	(0)	Compromise	(u)	Sensibility
Q16.	Cajole (a)	e Nestle	(b)	Secede	(c)	Bully	(d)	Moisten
	(u)	1100110	(0)	000000	(0)	Duny	(u)	

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Q17.	Malev (a)	/olent Kindly	(b)	Vacuous	(c)	Ambivalent	(d)	Primitive
Q18.	Purg (a)	atory Reward	(b)	Celestial	(C)	Flawless	(d)	Proximity

Q19-21. Read the following passage carefully and answer the questions given below it:-

In spring, polar bear mothers emerge from dens with three months old cubs. The mother bear has fasted for as long as eight months but that does not stop the young from demanding full access to her remaining reserves. If there are triplets, the most persistent stands to gain an extra meal at the expense of others. The smallest of the cubs forfeits many meals to stronger siblings. Females are protective of their cubs but tend to ignore family rivalry over food. In 21 years of photographing polar bears, I have only once seen the smallest of triplets survive till autumn.

With reference to the passage, the following assumptions have been made:-Q19.

- Ι. Polar bears fast as long as eight months due to non availability of prey.
- II. Polar bears always give birth to triplets.
- Which of the assumptions given above is/ are true?

(a) I only (b) II only (c) Both I and II (d) Neither I nor II

- Q20. Female polar bears give birth during
 - Spring (a)
 - Summer (b)
 - (c) Autumn
 - (d) Winter

Q21. Mother bear

Q29. (a)

- Takes sides over cubs (a)
- (b) Lets the cubs fend for themselves
- Feeds only their favourites (c)
- Sees that all cubs get an equal share CK.COM (d)

Q22-25. Choose the word that best defines the given phrases:-									
Q22.	A Cur (a) (c)	tain Lecture To speak plai Private scoldi		husband by his	s wife	(b) (d)	Vulgar Ic Hate oth		
Q23.	Squar (a) (c)	e pegs in round A genuinely h People in the	elpful p		(b) (d)	A Clever person To be perplexed			
Q24.	In wea (a) (c)	al and woe By hook or cr in prosperity a		versity	(b) (d)	During illness During the operation			
Q25.	Globe (a) (c)	etrotters People against global philosophy Intelligent minds			(b) (d)	People indulging in treachery Travellers around the world			/
Q26-2	Q26-29. Choose the correctly spelt word:-								
Q26.	(a)	Konnoisseur	(b)	Conoisseur	(c)	Connoisseur	(0	d)	Konoisseur
Q27.	(a)	Munifisent	(b)	Muneficent	(c)	Munificent	(0	d)	Munificient
Q28.	(a)	Equanimity	(b)	Equannimity	(c)	Equanimmist	y (d	d)	Equinimity

(d) Vetarinary (b) Veteninary (c) Veterinary Vetniary

Q30-65. Choose the most appropriate answer:-

Q30. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day? (a)

12 days (d) (b) 15 days 16 days 18 days (c)

Q31.	A man can row 9 $1/3$ Kmph in still water and finds that it takes him thrice as much time to row up than as to row down the same distance in the river. The speed of the current is (a) $31/3$ Kmph (b) $31/9$ Kmph (c) $42/3$ Kmph (d) $41/3$ Kmph
Q32.	The speed of a boat in still water is 10 Kmph. If it can travel 26 Km downstream and 14 Km upstream in the same time, the speed of the stream is (a) 2 Kmph (b) 2.5 Kmph (c) 3 Kmph (d) 4 Kmph
Q33.	If a sum becomes double in 16 years, how many times will it be in 8 years? (a) $1\frac{1}{2}$ times (b) $1\frac{1}{3}$ times (c) $1\frac{3}{4}$ times (d) $1\frac{1}{4}$ times
Q34.	In how many years will a sum of Rs 800 at 10% per annum compounded semi-annually become Rs 926.10?
Q35.	(a) $1^{1}/_{3}$ (b) $1^{1}/_{2}$ (c) $2^{1}/_{3}$ (d) $2^{1}/_{2}$ A sells 2 TV sets, one at a loss of 15% and another at a profit of 15%. Find the loss/gain percentage in the overall transaction?
	(a) 2.25% (b) 3% (c) 4% (d) No profit, no loss
Q36.	A man travelled from a point A to B at the rate of 25 Kmph and walked back at the rate of 4 Kmph. If the whole journey took 5 hrs 48 minutes, the distance between A and B is (a) 30 Km (b) 24 Km (c) 20 Km (d) 51.6 Km
Q37.	A Train travelling at a uniform speed clears a platform 200 m long in 10 seconds and passes a telegraph post in 5 seconds. The speed of the train is (a) 36 km/h (b) 39 km/h (c) 72 km/h (d) 78 km/h
Q38.	The price of sugar increases by 20% due to the festive season. By what percentage should a family reduce the consumption of sugar so that there is no change in the expenditure? (a) 20% (b) $18\frac{1}{3}\%$ (c) $16\frac{2}{3}\%$ (d) $16\frac{1}{3}\%$
Q39.	A's salary is 20% lower than B's salary, which is 15% lower than C's salary. By how much percent is C's salary more than A's salary? (a) 44.05% (b) 45.05% (c) 46.05% (d) 47.05%
Q40.	The average weight of 5 men is increased by 2 Kg when one of the men whose weight is 60 Kg is replaced by a new man. The weight of the new man is (a) 50 Kg (b) 65 Kg (c) 68 Kg (d) 70 Kg
Q41.	A and B can do a piece of work in 18 days; B and C can do it in 24 days, A and C can do it in 36
Q41.	days. In how many days B alone can finish the work? (a) 48 days (b) 45 days (c) $28 \frac{4}{5}$ days (d) 144 days
Q42.	The opposition party status is accorded to a political party in the Lok Sabha only if it captures at
	least (a) 5% Seats (b) 10% Seats (c) 15% Seats (d) 20% Seats
Q43.	Who amongst the following is the author of the book 'A Bend in the River'?(a)Chetan Bhagat(b)VS Naipaul(c)Kiran Desai(d)Anita Desai
Q44.	'Long Walk to Freedom' is a book written by (a) Sonia Gandhi (b) LK Advani (c) Nelson Mandela (d) Benazir Bhutto
Q45.	Which sports personality has been awarded the honorary rank of Group Captain by the IAF?(a) Kapil Dev(b) Sania Mirza(c) Saina Nehwal(d) Sachin Tendulkar

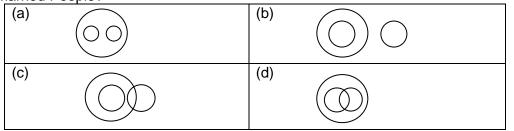
Q46.	Which country among the following has been declared Ebola-free by WHO? (a) Sierra Leone (b) Liberia (c) Nigeria (d) Guinea						
Q47.	How many Gold medals did India win in the Incheon Asian Games held in Oct 2014? (a) 10 (b) 11 (c) 12 (d) 8						
Q48.	Who has been appointed as the new Finance Secretary of India?(a)Arvind Mayaram(b)Rajiv Mehrishi(c)Kaushik Basu(d)Dinesh Gupta						
Q49.	Which among the following is India's first long range subsonic cruise missile? (a) Agni II (b) Prithvi (c) Dhanush (d) Nirbhay						
Q50.	The branch of science that studies cells is called (a) Cytology (b) Entomology (c) Homoplastic (d) Hormonology						
Q51.	How many Vice Presidents are elected at the start of its each regular session of UN Genera Assembly?	I					
	(a) Nine (b) Fifteen (c) Two (d) Twenty one						
Q52.	The highest civilian award of India 'Bharat Ratna' has been awarded to only two foreigners s One of them is Nelson Mandela. The other is (a) Marshal Tito (b) Mikhail Gorbachev	so far.					
	(c) Khan Abdul Ghaffar Khan (d) Abdul Wali Khan						
Q53.	Sir CV Raman was awarded Nobel Prize for his work connected with which of the following						
Q00.	on over radiation?(a)Scattering(b)Diffraction(c)Interference(d)Polarisation						
Q54.	In which city is headquarters of Asian Development Bank located? (a) Manila (b) Singapore (c) Bangkok (d) Jakarta						
Q55.	 K-15 missile is Submarine launched Ballistic Missile (SLBM) Inter Continental Ballistic Missile (ICBM) Medium Range Ballistic Missile (MRBM) Short Range Ballistic Missile (SRBM) 						
Q56.	India agreed to UN Chief Ban Ki-Moon's offer to remain as a member of the advisory board	of					
	one of the following recently. (a) UNCCT (b) UNICEF (c) UNEP (d) UNCTAD						
Q57.	Kaziranga National Park is famous for(a)One-horned Rhinos(b)Tigers(c)Swamp Dears (Barasingha)(d)Elephants						
Q58.	Who was the first Indian to win an individual medal in Olympics?(a) Milkha Singh(b) PT Usha(c) Karnam Malleshwari(d) KD Jadhav						
Q59.	Who among the following was the Congress President at Madras Session of 1927 when it boycotted the Simon Commission? (a) Maulana Abul Kalam Azad (b) MA Ansari						
	(c) Lala Lajpat Rai (d) Subhash Chandra Bose						
Q60.	 (d) Subhash Chandra Bose Why did Kalinga prove to be a turning point in the life of Ashoka? (a) Ashoka annexed Kalinga (b) It was the starting point of the expansion of his empire (c) Ashoka became a zealous Buddhist (d) It enabled Mauryan Empire to reach its climax 						
Q61.	Which of the following wings was not part of the espionage system described by Kautilya?(a)Crime Branch(b)Special Branch(c)Political Branch(d)None of these						

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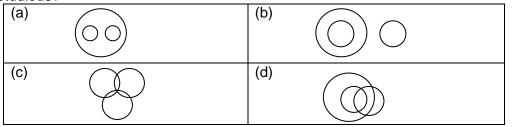
Q62.	Alaud (a) (c)	din Khalji did not b Siri Fort Hauz-i-Alai	build	(b) (d)	Tomb of Ja Jamaat Kh		id
Q63.	Which (a)	of the following d Nanda (b	•	•	North India at Sunga	the time ((d)	of Alexander's invasion? Kanva
Q64.	Which (a)	n of the following Ir Agni-I (b		ll Ballistic N (c)	/lissiles (ICBMs Agni-IV	s) is unde (d)	r development in India? Agni-VI
Q65.		among the followin It Incheon, South H Mary Kom of Ind Ning Zetao of Ch	Korea? lia	ed as the l (b) (d)	Most Valuable Kosuke Ha None of th	agino of Ja	the 17 th Asian Games apan
Q66-7 mark.		ach of the followi	ing questions	s find out	the alternative	e which w	vill replace the question
Q66.	East : (a) (c)	Orient :: ?:? North : Polar South : Capricor	n	(b) (d)	North : Tro West : Occ		
Q67.	Ignom (a) (c)	iny : Disloyalty :: 3 Death : Victory Fame : Heroism	?:?	(b) (d)	Martyr : Ma Destruction		
Q68.	Loath (a) (c)	: Coercion :: ?:? Detest : Caressii Irate : Antagonis	0	(b) (d)	Irritate : Ca Reluctant :		on
Q69.	Trilogy (a) (c)	y : Novel :: ?:? Rice : Husk Serial : Episode	SSBC		Milk : Crea Gun : Cart		
Q70.	Wife : (a) (c)	Marriage :: ?:? Bank : Money Service : Qualific	cation	(b) (d)	Nationality Attendance		•

Q 71-75. Each of these questions given below contains three elements. These elements may or may not have some inter-linkage. Each group of elements may fit into one of these diagrams at (a), (b), (c) or (d). You have to indicate the group of elements which correctly fits into the diagrams.

Q71. Which of the following diagrams indicates the best relation between Doctors, Human Beings and Married People?

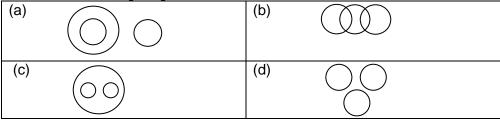


Q72. Which of the following diagrams indicates the best relation between Children, Naughty, and Studious?

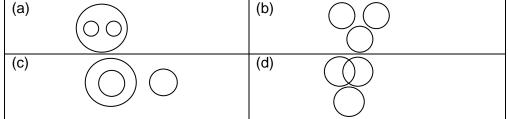


BOOKLET SERIES 'B'

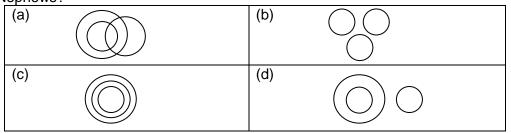
Q73. Which of the following diagrams indicates the best relation between Thief, Criminal and Police?



Q74. Which of the following diagrams indicates the best relation between Man, Worker and Garden?

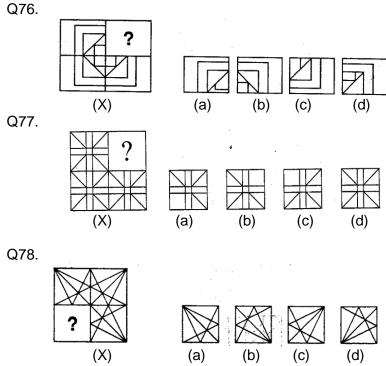


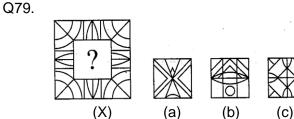
Q75. Which of the following diagrams indicates the best relation between Males, Cousins and Nephews?



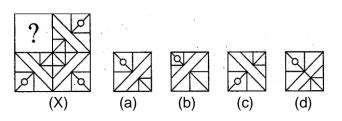
Q76-80. In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.

(d)

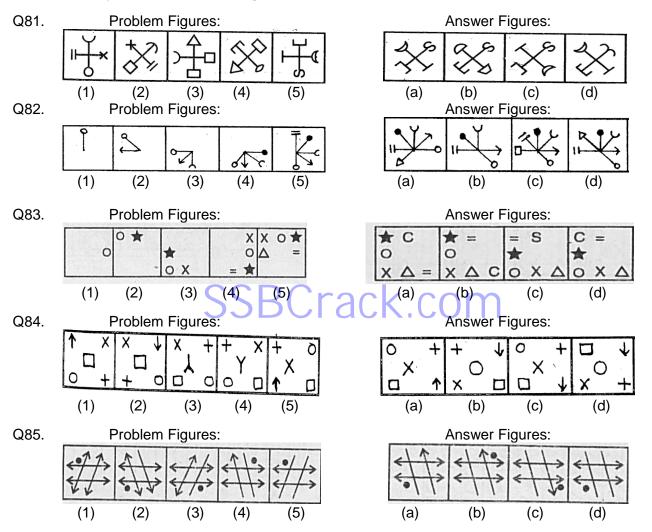




Q80.



Q81-85. Each of the following questions consists of five figures marked 1,2,3,4 and 5 called the Problem Figures followed by four other figures marked a, b, c and d called the Answer Figures. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

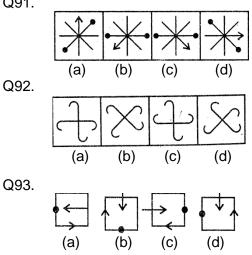


Q86-90. In each of the following questions, four words have been given out of which three are alike in some manner, while the fourth one is different. Choose the word which is different from the rest.

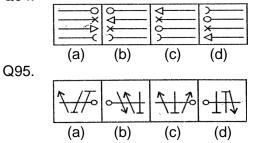
Q86.	(a)	Othello	(b)	King Lear	(c)	Oliver Twist	(d) Macbeth
Q87.	(a)	Nimitz	(b)	Yamamoto	(c)	Nelson	(d) Montgomery
Q88.	(a)	Blaze	(b)	Glint	(c)	Simmer	(d) Shimmer
Q89.	(a)	Aravalli hills	(b)	Shivalik hills	(c)	Mole hills	(d) Satpura hills
Q90.	(a)	Beaver	(b)	Alpaca	(c)	Walrus	(d) Koala

Q91-95. In each problem, out of the four figures marked (a) (b) (c) and (d) three are similar in a certain manner. However, one figure is not like the other three. Choose the figure which is different from the rest.





Q94.



Each of the following questions consists of two sets of figures. Figures 1, 2, 3 and Q96-100. 4 constitute the Problem Set while figures a, b, c and d constitute the Answer Set. There is a definite relationship between figures (1) and (2). Establish a similar relationship between figures (3) and (4) by selecting a suitable figure from the Answer set that would replace the question mark (?) in fig.(4).

Q96.

