**AFCAT 2/2015**

**BOOKLET SERIES 'A'**

**Set No XIV** **TIME ALLOTTED – 2 HRS**

**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.**

**Q1-3. Read the following passage carefully and answer the questions given below it:-**

Patience is better than wisdom: An ounce of patience is worth a pound of brains. All men praise patience, but few can practise it. It is a medicine which is good for all diseases, but it is not every garden that grows the herbs to make it with. Many people are born crying, live complaining and die disappointed. They think every other person's burden to be light and their own feathers to be heavy as lead, and yet if the truth were known, it is their fancy rather than their fate that makes things go so hard with them. Many would be well off than what they think of.

Q1. Which of the following is the most suitable explanation to the author's remark that an "ounce of patience is worth a pound of brains"?

(a) Wisdom can only be attained by practising patience.
(b) Patience comes first, wisdom next.
(c) Patience is essential for every achievement in life.
(d) Without patience wisdom cannot be used properly.

Q2. Which one is the most likely explanation, among the following, of the author's metaphorical statement that "it is not every garden that grows the herbs to make it with"?

(a) Patience is a must for solving all our problems in life.
(b) Patience is a rare herb that cures all diseases.
(c) Patience is virtue of a highest order.
(d) It is only a small number of people that are found observing patience in life.

Q3. The writer's remarks, "They think every person's burden to be light and their own feathers to be as heavy as lead" is very significant. It means

(a) They are always worried and dejected.
(b) They consider their own problems to be difficult to solve as compared with problems of other people.
(c) They feel that they alone face serious problems while others have a nice time.
(d) They remain very much worried about their own problem.

**Q4-9 Select the most appropriate word from the options against each number:-**

Life is an (4) series of challenges and opportunities to be seized. You have to plan for exercising the right career choices and (5) the right opportunities. Planned (6) rather than a hasty decision is (7) as far as your career is concerned. You need to (8) what occupational groups, (9) and type of organizations are suitable for you.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Q4. | (a) enticing | (b) | exciting | (c) | encharming | (d) | enhancing |
| Q5. | (a) catching | (b) | offsetting | (c) | grabbing | (d) | conceiving |
| Q6. | (a) delay | (b) | hindrance | (c) | application | (d) | execution |
| Q7. | (a) desirable | (b) | deciphered | (c) | inevitable | (d) | acceptable |
| Q8. | (a) check | (b) | classify | (c) | divide | (d) | analyse |
| Q9. | (a) specifications | (b) | limitations | (c) | qualifications | (d) | identification |

**Q10-13. Choose the word which is nearest in meaning to the given word:-**

Q10. Nebulous

(a) Tiny (b) Vague (c) Insignificant (d) Inadequate

Q11. Debilitate

(a) Weaken (b) Attack (c) Surmount (d) Destroy

Q12. Anathema

(a) Religious Chant (b) Pun
(c) Musical Subject (d) Curse

Q13. Penchant
(a) Liking (b) Eagerness (c) Disability (d) Keenness

**Q14-17. Choose the word which is nearly opposite in meaning to the given word:-**

Q14. Refractory
(a) Refreshing (b) Burdensome (c) Privileged (d) Manageable

Q15. Insolent
(a) Sullen (b) Affable (c) Determined (d) Rich

Q16. Acrimonious
(a) Legal (b) Severe (c) Cursive (d) Harmonious

Q17. Sceptic
(a) Cryptic (b) Believer (c) Support (d) Eminent

**Q18-21. Choose the word that best defines the given phrases:-**

Q18. To hold something in leash
(a) To restrain (b) To disappoint
(c) To dismiss (d) To discourage

Q19. To talk through one's hat
(a) To speak fluently (b) To talk nonsense
(c) To talk wisdom (d) To speak at random

Q20. To throw up the sponge
(a) To surrender or give up a contest (b) To offer a challenge
(c) To become utterly disappointed (d) To maintain grit and enthusiasm until the end

Q21. To get into hot waters
(a) To be impatient (b) To suffer a huge financial loss
(c) To get into trouble (d) To be in a confused state of mind

**Q22-26. Choose the correctly spelt word:-**

Q22. (a) Dolorous (b) Dolurous (c) Doloreus (d) Delorious

Q23. (a) Condiut (b) Conduit (c) Connduit (d) Condeut

Q24. (a) Gragarious (b) Gragerious (c) Gregarious (d) Grigareous

Q25. (a) Intrensic (b) Intrinsic (c) Entrensic (d) Entrinsec

Q26. (a) Sepulchral (b) Sepalchrle (c) Sepalchral (d) Sepulchrle

**Q27-30. Which word or words explains the meaning of the following idioms**:-

Q27. To flog a dead horse
(a) To act in a foolish way (b) To waste one's efforts
(c) To revive interest in an old subject (d) To revive old memories

Q28. A bull in a china shop
(a) A person who is very ugly but loves the beautiful things of life
(b) A person who takes a sadistic delight in harming innocent people
(c) A person who becomes too excited where no excitement is warranted
(d) A rough and clumsy person at a place where skill and care are required

Q29. The alpha and the omega
(a) The beginning and the end (b) A nice act
(c) The stars and the moon (d) Very costly

Q30. A fool's errand
(a) A blunder (b) An impossible task
(c) A useless undertaking (d) None of these

**Q31-65. Choose the most appropriate answer:-**

Q31. Serena Williams defeated_____ to win the women's singles title of Australian Open 2015.
(a) Venus Williams (b) Sania Mirza
(c) Maria Sharapova (d) Ana Ivanovic

Q32. Vinod Mehta an eminent Indian journalist and founder editor-in-chief of 'Outlook' published his autobiography by the name of
(a) Lucknow Boy: A Memoir (b) One Life is Not Enough
(c) Accidental Prime Minister (d) The Substance and the Shadow

Q33. Which city will host the 2022 Common Wealth Games?
(a) Gold Coast, Australia (b) Durban, South Africa
(c) Lusaka, Zambia (d) Nairobi, Kenya

Q34. What is the name of 'Innovative Council' proposed in the Rail Budget 2015 to promote innovation?
(a) Rail Tech (b) Sankalp
(c) Kayakalp (d) Navachar

Q35. Which of the following Asian countries celebrates its Independence Day on 4th February?
(a) Sri Lanka (b) Bahrain (c) Cambodia (d) Bangladesh

Q36. Animals active at night are called
(a) Diurnal (b) Nocturnal (c) Parasites (d) Nacto-diurnal

Q37. Think-tank of Government of India that replaced Planning Commission on 01 January 2015 is
(a) NITI Vakya (b) NITI Dharma
(c) NITI Vajpayee (d) NITI Aayog

Q38. The book, 'Born Again on the Mountain' is authored by
(a) Pooja Rani (b) Arunima Sinha
(c) Bachendri Pal (d) Urbashi Lal

Q39. The present chairman of ISRO is
(a) MYS Prasad (b) Shailesh Nayak
(c) AS Kiran Kumar (d) K Radhakrishnan

Q40. Natural radioactivity was discovered by
(a) Marie Curie (b) Earnest Rutherford
(c) Henry Bacquerel (d) Enrico Fermi

Q41. Sir C.V. Raman was awarded Noble Prize for his work connected with which of the following phenomenon of radiation?
(a) Scattering (b) Diffraction
(c) Interference (d) Polarization

Q42. In which atmospheric layer are the communication satellites located?
(a) Stratosphere (b) Ionosphere
(c) Troposphere (d) Mesosphere

Q43. Who was the Viceroy when the Simon Commission visited India?
(a) Lord Chelmsford (b) Lord Reading
(c) Lord Irwin (d) Lord Wellington

Q44. Mahatma Gandhi left South Africa to return to India in
(a) 1911 (b) 1915 (c) 1917 (d) 1919

Q45. Todar Mal was associated with_____ in Akbar's durbar.
(a) Music (b) Literature
(c) Finance (d) Law Reforms

Q46. Lines joining places of equal temperature are called
(a) Isotherms (b) Isohyets
(c) Isomers (d) Isobars

Q47. Who has been awarded the Dada Saheb Phalke Award for the year 2014?
(a) Pran (b) Shashi Kapoor
(c) Dilip Kumar (d) Amitabh Bachchan

Q48. How many days moon takes to revolve around the earth?
(a) $26\frac{1}{3}$ (b) $27\frac{1}{3}$ (c) $28\frac{2}{3}$ (d) $29\frac{1}{2}$

Q49. Indian-American music composer, Ricky Kej has won the Grammy Award for the album
(a) In the Lonely Hour (b) Morning Phase
(c) Beyonce (d) Winds of Samsara

Q50. Recently tested Agni-V missile is capable of carrying nuclear payload of
(a) 1000 Kg (b) 1500 Kg
(c) 2000 Kg (d) 2500 Kg

Q51. The Russian name of INS Vikramaditya is
(a) Admiral Groshkov (b) Admiral Gorbachev
(c) Admiral Nakhimov (d) Admiral Petr Bezobrazov

Q52. A boat travels upstream from B to A and downstream from A to B in 3 hours. If the speed of the boat in still water is 9 Km/h and the speed of the current is 3 Km/h, the distance between A and B is
(a) 9 km (b) 10 km (c) 11 km (d) 12 km

Q53. A steamer moves with a speed of 4.5 km/h in still water to a certain upstream point and comes back to the starting point in a river which flows at 1.5 km/h. The average speed of steamer for the total journey is
(a) 12 km/h (b) 9 km/h (c) 6 km/h (d) 4 km/h

Q54. A can do $\frac{1}{2}$ of a piece of work in 8 days while B can do $\frac{1}{3}$ of the same work in 8 days. In how many days can both do it together?
(a) 9.6 days (b) 10.5 days (c) 11.2 days (d) 16 days

Q55. A does $\frac{1}{2}$ as much work as B and C does $\frac{1}{2}$ as much work as A and B together. If C alone can finish the work in 40 days, then together all will finish the work in
(a) 30 days (b) $13\frac{1}{3}$ days (c) 15 days (d) 20 days

Q56. A train 150 m long is running with a speed of 68 km/h. In what time will it pass a man who is running at 8 km/ h in the same direction in which the train is going?
(a) 8 sec (b) 8.5 sec (c) 9 sec (d) 9.5 sec

Q57. A train covers a distance of 12 km in 10 min. If it takes 6 sec to pass a telegraph post, the length of the train is
(a) 90 m (b) 100 m (c) 120 m (d) 140 m

Q58. A's salary is 50% more than B's. How much percent is B's salary less than A's?
(a) $63\frac{1}{4}\%$ (b) $43\frac{1}{4}\%$ (c) $53\frac{1}{3}\%$ (d) $33\frac{1}{3}\%$

Q59. The price of an item is decreased by 25%. What percent increase must be done in new price to get the original price?
(a) $33\frac{1}{3}\%$ (b) $43\frac{3}{4}\%$ (c) $55\frac{2}{3}\%$ (d) $65\frac{1}{4}\%$

Q60. Anmol sold two items for Rs 1000 each. On one, he gained 10% and on other, he lost 10%. How much did he gain or lose in the whole transaction?
(a) profit,0.95% (b) loss,1% (c) profit,10% (d) loss,10%

Q61. If the selling price is doubled, the profit triples. The profit percent is
(a) $66\frac{1}{3}\%$ (b) 150 % (c) 100 % (d) 90 %

Q62. A man lent a sum of money at the rate of simple interest of 4%. If the interest for 8 years is Rs 340 less than the principal, the principal is
(a) Rs 500 (b) Rs 520 (c) Rs 540 (d) Rs 560

Q63. A sum was invested for 3 years at simple interest at a certain rate. Had it been invested at 4% higher rate of interest, it would have fetched Rs 600 more. The sum is
(a) Rs 4000 (b) Rs 4950 (c) Rs 5000 (d) Rs 5150

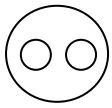
Q64. The average weight of 50 boys in a class is 45 Kg. When one boy leaves the class, the average reduces by 100g. Find the weight of the boy who left the class.
(a) 50 Kg (b) 50.8 Kg (c) 49 Kg (d) 49.9 Kg

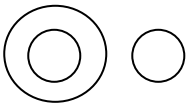
Q65. In a mixture of 35 litres, the ratio of milk and water is 4:1. If 7 litres of water is added to the mixture, the ratio of milk and water of the new mixture will be

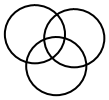
(a) 2:1 (b) 1:2 (c) 4:5 (d) 5:4

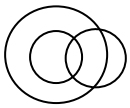
**Q 66-70. Each of these questions given below contains three elements. These elements may or may not have some inter-linkage. Each group of elements may fit into one of these diagrams at (a), (b), (c) or (d). You have to indicate the group of elements which correctly fits into the diagrams**.

Q66. Which of the following diagrams indicates the best relation between Females, Doctors, and Patients?

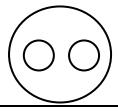
(a) 

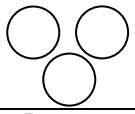
(b) 

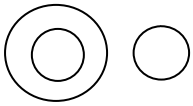
(c) 

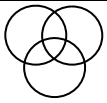
(d) 

Q67. Which of the following diagrams indicates the best relation between Detectives, Spies and Men with Beards?

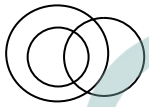
(a) 

(b) 

(c) 

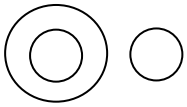
(d) 

Q68. Which of the following diagrams indicates the best relation between Males, Fathers and Human Being?

(a) 

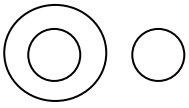
(b) 

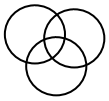
(c) 

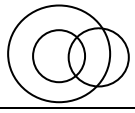
(d) 

Q69. Which of the following diagrams indicates the best relation between Steel, Wood, and Building Material?

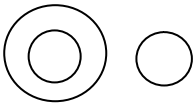
(a) 

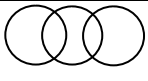
(b) 

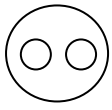
(c) 

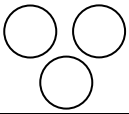
(d) 

Q70. Which of the following diagrams indicates the best relation between Doctors, Teachers and Engineers?

(a) 

(b) 

(c) 

(d) 

**Q71-75 In each of the following questions find out the alternative which will replace the question mark.**

Q71. Blizzard : Freeze :: ?:?
(a) Insult : Humiliation (b) Bad : Immoral
(c) Caution : Careless (d) Jealousy : Respect

Q72. Graceful : Clumsy :: ?:?
(a) Horror : Sympathy (b) Laugh : Cry
(c) Recapitulate : Synopsis (d) Encumber : Burden

Q73. Zenith : Nadir :: ?:?
(a) Indigent : Poverty (b) Zeal : Eagerness
(c) Success : Peak (d) Genuine : Phony

Q74. Pedagogy : Teaching :: ?:?
(a) Telepathy : Emotions (b) Radiology : Sound
(c) Mycology : Fossils (d) Entomology : Insects

Q75. Capriciousness : Reliability :: ?:?
(a) Heated : Boiling (b) Tenacious : Practicality
(c) Arbitrary : Whimsical (d) Unreliable : Inhuman

**Q76-80. 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.**

Q76. (a) Niagara (b) Alamere (c) Kempty (d) Andes

Q77. (a) Small Betrayals (b) We Indians
(c) Shooting from the Hip (d) Surviving Men

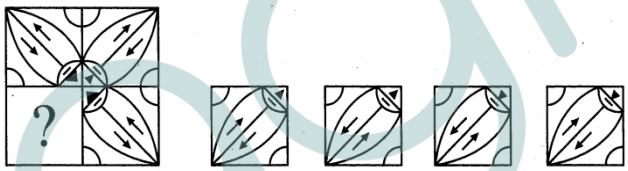
Q78. (a) Brass (b) Bronze (c) Silver (d) Steel

Q79. (a) Documentary (b) Puppet (c) Commentary (d) Feature

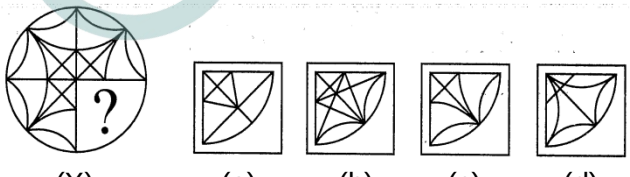
Q80. (a) Deccan (b) Kaas (c) Chhota Nagpur (d) Nanda Devi

**Q81-85. 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.**

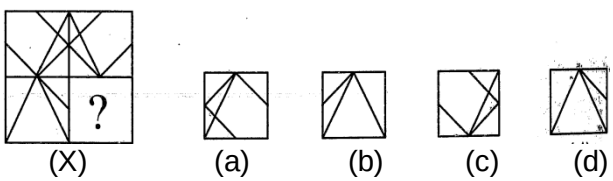
Q81.



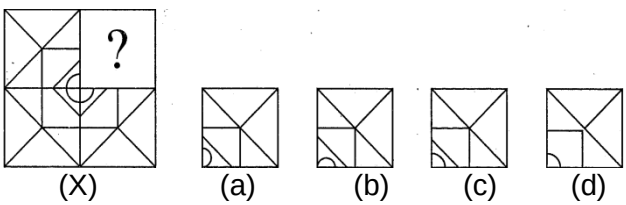

Q82.



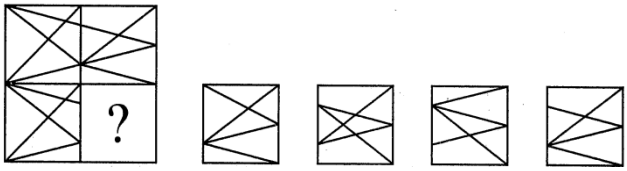

Q83.




Q84.



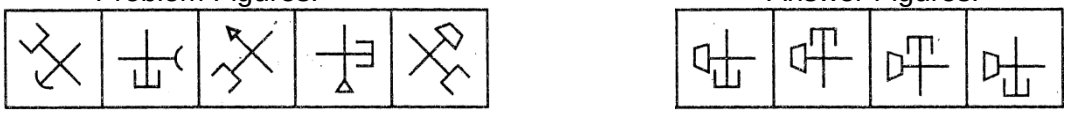
Q85.



(X) (a) (b) (c) (d)

**Q86-90. 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. Problem Figures: Answer Figures:



(1) (2) (3) (4) (5) (a) (b) (c) (d)

Q87. Problem Figures: Answer Figures:



(1) (2) (3) (4) (5) (a) (b) (c) (d)

Q88. Problem Figures: Answer Figures:



(1) (2) (3) (4) (5) (a) (b) (c) (d)

Q89. Problem Figures: Answer Figures



(1) (2) (3) (4) (5) (a) (b) (c) (d)

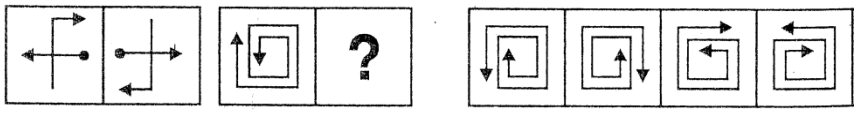
Q90. Problem Figures: Answer Figures:



(1) (2) (3) (4) (5) (a) (b) (c) (d)

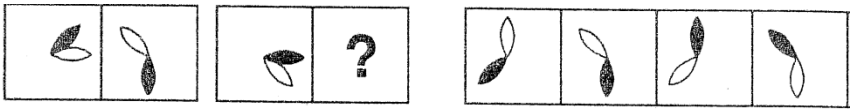
**Q91-95. Each of the following questions consists of two sets of figures. Figures 1, 2, 3 and 4 constitute the Problem Set while figures (a), (b), (c) and (d) constitute the Answer Set. There is a definite relationship between figures (1) and (2). Establish a similar relationship between figures (3) and (4) by selecting a suitable figure from the Answer Set that would replace the question mark (?) in fig.(4).**

Q91.



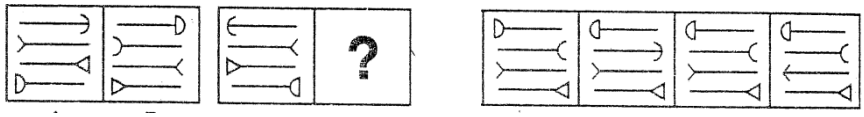
(1) (2) (3) (4) (a) (b) (c) (d)

Q92.



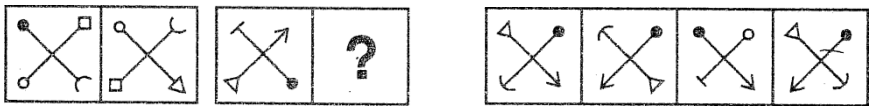
(1) (2) (3) (4) (a) (b) (c) (d)

Q93.



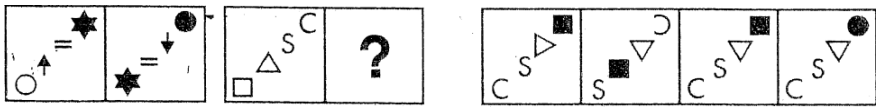
(1) (2) (3) (4) (a) (b) (c) (d)

Q94.



(1) (2) (3) (4) (a) (b) (c) (d)

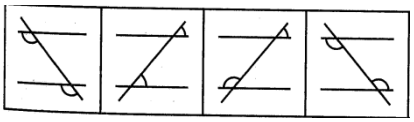
Q95.



(1) (2) (3) (4) (a) (b) (c) (d)

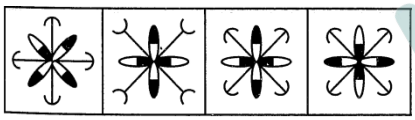
**Q96-100. In each problem, out of the four figures marked (a) (b) (c) and (d), three are similar in a certain manner. However, one figure is not like the other three. Choose the figure which is different from the rest.**

Q96.



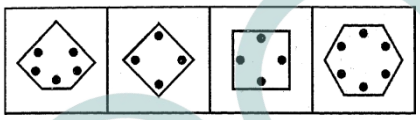
(a) (b) (c) (d)

Q97.



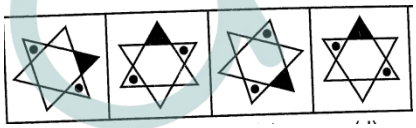
(a) (b) (c) (d)

Q98.



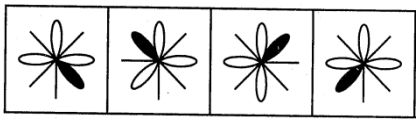
(a) (b) (c) (d)

Q99.



(a) (b) (c) (d)

Q100.



(a) (b) (c) (d)