

- Q.1 Which country has appointed Brigadier General Ravinder Singh, the first Sikh, as the next army chief ?
- (a) Nepal (b) Malaysia
(c) Singapore (d) Australia
- Q.2 Which of the following was appointed as the first women Vice Air Marshal ?
- (a) P. Bandopadhyaya (b) P.L. Punia
(c) S.H. Kapadia (d) Raman Puri
- Q.3 Who among the following is the Chief Election Commissioner of India ?
- (a) S.Y. Quraishi (b) T.N. Seshan
(c) V.K. Nair (d) P.K. Aggarwal
- Q.4 Who wrote the book "India – A Wounded Civilisation" ?
- (a) V. Rajagopalan (b) V.S. Naipaul
(c) Bill Gates (d) Alice Munro
- Q.5 How many spokes are in the National Flag of Independent India ?
- (a) 16 (b) 18
(c) 24 (d) 32
- Q.6 Which one of the following states is not adjacent to National Capital Territory of Delhi ?
- (a) Haryana (b) Punjab
(c) Uttarpradesh (d) Rajasthan
- Q.7 Which day is celebrated as "Environment Day"?
- (a) 5th January (b) 15th March
(c) 5th June (d) 10th December
- Q.8 How many states are there in India ?
- (a) 25 (b) 26
(c) 27 (d) 28
- Q.9 Which country is known as the sugar bowl of the world ?
- (a) USA (b) U.K.
(c) India (d) Cuba
- Q.10 Swami Vivekanand was associated with :
- (a) Brahmo Smaj (b) Arya Smaj
(c) Prarthna Smaj (d) Rama Krishna Mission
- Q.11 Laughing gas is :
- (a) Ozone (b) Nitrogen
(c) Nitrous Oxide (d) Niric Oxide
- Q.12 CNG stands for :
- (a) Compressed Nitrogen Gas (b) Compressed Natural Gas
(c) Commission for Natural Gas (d) Computer Network Guideline

- Q.13 Parliament Consists of :
- (a) Lok Sabha
 - (b) Lok Sabha and Rajya Sabha
 - (c) Lok Sabha, Rajya Sabha and President
 - (d) Lok Sabha, Rajya Sabha, President and State Assemblies
- Q.14 Ozone layer is important because :
- (a) It helps in photosynthesis
 - (b) It prevents infra red rays to reach earth
 - (c) It filters ultra-violet rays selectively
 - (d) It blocks ultra violet rays completely
- Q.15 How many fundamental freedom are recognised under the constitution of India ?
- (a) Six
 - (b) Seven
 - (c) Eight
 - (d) Nine
- Q.16 Public finance is the field of economics :
- (a) That considers strategic interactions between agents;
 - (b) That deals with budgeting the revenues and expenditures of a public sector entity, usually government;
 - (c) That applies microeconomic analysis to specific decisions in business firms;
 - (d) That treats households and firms to describe how well a system generates desired output.
- Q.17 The 'Law of Demand' states that :
- (a) In general, quantity supplied equals quantity demanded
 - (b) In general, price and quantity demanded in a given market are directly related;
 - (c) In general, price and quantity demanded in a given market are inversely related;
 - (d) In general, price and quantity demanded are not related
- Q.18 Gross Domestic Product :
- (a) Refers to market value of all goods and services produced within a country in a given period;
 - (b) Is not an indicator of a country's standard of living;
 - (c) Of India is greater than that of China;
 - (d) Refers to product produced outside a country's borders
- Q.19 Gross Domestic Product :
- (a) Is product produced by enterprises owned by a country's citizens
 - (b) Is product produced outside the country's borders
 - (c) Includes household production and volunteer services
 - (d) Is product produced within a country's borders

- Q.20 Human Development Index :
- Does not use GDP as a part of its calculation
 - Measures the disparity of income within a nation
 - Uses GDP as a part of its calculation and then factors in indicators of life expectancy and education levels
 - Adjust GDP for income distribution
- Q.21 Service sector in India currently accounts for about
- 55 percent of the national economic output
 - 45 percent of the national economic output
 - 30 percent of the national economic output
 - 25 percent of the national economic output
- Q.22 The cumulative value of exports for the period April 2010 to January 2011 for India are estimated to be :
- | | |
|----------------------|----------------------|
| (a) Rs.842,063 crore | (b) Rs.680,382 crore |
| (c) Rs.93,534 crore | (d) Rs.71,500 crore |
- Q.23 India's GDP crossed a trillion dollar mark in :
- | | |
|---------------|---------------|
| (a) 2005-2006 | (b) 2006-2007 |
| (c) 2007-2008 | (d) 2008-2009 |
- Q.24 According to the economic survey 2010-2011, India's incremental capital – output ratio (ICOR) for the Eleventh Plan is estimated to be
- | | |
|---------|---------|
| (a) 2.5 | (b) 3.0 |
| (c) 3.7 | (d) 4.1 |
- Q.25 Foreign Exchange Reserves of India at the end of December 2010 are estimated to be :
- | | |
|-------------------------|-------------------------|
| (a) US \$ 279.6 billion | (b) US \$ 297.3 billion |
| (c) US \$ 300 billion | (d) US \$ 379 billion |
- Q.26 India's real GDP is expected to grow during 2011-2012 by :
- | | |
|--------------------------|--------------------------|
| (a) 9 percent (+/- 0.25) | (b) 8 percent (+/- 0.50) |
| (c) 7 percent (+/- 0.10) | (d) 6 percent (+/- 0.30) |
- Q.27 The exemption limit for the general category of individual tax payers is proposed to be enhanced during the current budget from :
- | | |
|--------------------------------|--------------------------------|
| (a) Rs.1,60,000 to Rs.1,70,000 | (b) Rs.1,60,000 to Rs.1,75,000 |
| (c) Rs.1,60,000 to Rs.1,80,000 | (d) Rs.1,60,000 to Rs.1,85,000 |
- Q.28 On January 1, 2007 the foodgrain stock in India's Central Pool reached :
- | | |
|----------------------------|----------------------------|
| (a) 150 lakh metric tonnes | (b) 174 lakh metric tonnes |
| (c) 270 lakh metric tonnes | (d) 470 lakh metric tonnes |
- Q.29 In the budget of 2011-2012, following provision has been made for Defence Services in India:
- | | |
|-----------------------|-----------------------|
| (a) Rs.1,10,000 crore | (b) Rs.1,25,000 crore |
| (c) Rs.1,64,415 crore | (d) Rs.1,76,813 crore |

- Q.30 The geometric mean of the first and the third terms of an AP is one less than the second term. If the first term is 2, find the sixth term :
- (a) 14 (b) 17
(c) 19 (d) 20
- Q.31 In a test of 20 questions, A scores 60. If each correct answer carries 4 points and each incorrect answer carries negative 1 point, how many questions did A attempt ?
- (a) Min 15, Max 20 (b) Min 16, Max 18
(c) Min 12, Max 20 (d) Min 15, Max 18
- Q.32 In how many ways can 3 different fruits and 3 different vegetables be distributed amongst 3 people such that each one of them gets one fruit and one vegetable ?
- (a) 216 (b) 36
(c) 12 (d) 6
- Q.33 An intelligent fish lays brown eggs or white eggs and it likes to lay them in a certain pattern. Each brown egg is surrounded by 6 white eggs. Assuming all brown eggs are in line, how many white eggs does the fish lay if it lays 200 brown eggs ?
- (a) 602 (b) 604
(c) 802 (d) 804
- Q.34 Raghu travels a certain distance in 1 hour. He would cover the same distance in $\frac{3}{4}$ th of the time if he increases his speed by 1kmph. Find his original speed :
- (a) 6 (b) 4
(c) 3 (d) 2
- Q.35 A man lost 12.5% of his money and after spending 70% of the remainder, has Rs.210 left. How much did he have at first ?
- (a) 600 (b) 700
(c) 800 (d) 900
- Q.36 A's income is 10% more than B's. How much is B's income less than A's ?
- (a) $\frac{100}{11}$ (b) $\frac{101}{11}$
(c) $\frac{102}{11}$ (d) $\frac{111}{11}$
- Q.37 X takes 8 minutes to go round a circle and Y takes 15 minutes. When they meet for the first time, how many rounds would Y have made ?
- (a) $\frac{6}{7}$ (b) $\frac{8}{7}$
(c) $\frac{9}{7}$ (d) $\frac{10}{7}$
- Q.38 The compound interest on a certain sum for 2 years is Rs.40.80p and the simple interest is Rs.40/-. Find the sum and the 'rate percent'.
- (a) 400, 5 (b) 400, 6
(c) 500, 4 (d) 600, 3
- Q.39 A square flower bed is prepared in the centre of a square field, of side 40m, leaving a gravel path all around the bed. The total cost of laying the flower bed and gravels at the path at the rate of Rs.2.75 and Rs.1.50 per sq. m respectively is Rs.4020. Find the width of the path.
- (a) 1.50 m (b) 2.00 m
(c) 2.50 m (d) 3.00 m

- Q.40 A salesman sells articles at Rs.5 each. He sells 1600 articles in the first week. In the second week, he sells 15% more than in the first week and in the third week, he sells 10% more than in the second week.
- What is the amount received by the salesman if he gets 12% of the price of each article on the first 1000 sold and 15% of the price of each article he sells in excess of 1000.
- (a) 3724 (b) 3846
(c) 3912 (d) 3948
- Q.41 At a book stall, a discount of $X\%$ was allowed on each book. A book was purchased by a customer for Rs.Y, its marked price was :
- (a) $Rs. \frac{100Y}{100-X}$ (b) $Rs. \frac{100Y}{100+X}$
(c) $Rs. \frac{100Y}{X}$ (d) $Rs. XY$
- Q.42 The total surface area of a closed right circular cylinder of radius 3.5m and height 7m is :
- (a) 77 m^2 (b) 154 m^2
(c) 231 m^2 (d) 308 m^2
- Q.43 The sides of a triangle are in the ratio 1 : 1.5 : 2. If the perimeter is 13.5cm, find the length of each side :
- (a) 2, 3, 4 (b) 2, 3.5, 4
(c) 3, 4, 5 (d) 3, 4.5, 6
- Q.44 If $f(x) = \frac{1}{1-x}$, $g(x) = f[f(x)]$ and $h(x) = f[g(x)]$, then what is the value of $f(x)g(x)h(x)$?
- (a) -1 (b) 0
(c) 1 (d) 2
- Q.45 Consider the set S of all real numbers except -1 and the binary operation * on S defined by $a*b = a + b + ab$. Consider the equation $2*x*2*2 = 2$ in S. Then x is :
- (a) $\frac{9}{8}$ (b) $-\frac{9}{8}$
(c) $\frac{8}{9}$ (d) $-\frac{8}{9}$
- Q.46 The last digit in 3^{400} is :
- (a) 1 (b) 3
(c) 7 (d) 9
- Q.47 If a train 110m long passes a telegraph pole in 3 seconds, then the time (in seconds) taken by it to cross a railway platform 165 long, is :
- (a) 3 (b) 7.5
(c) 4 (d) 5
- Q.48 The greatest among the four given number is :
- (a) 1 (b) $2^{\frac{1}{2}}$
(c) $3^{\frac{1}{3}}$ (d) $4^{\frac{1}{4}}$

- Q.49 If a, b, c are three consecutive integers, then $\log_c(ac+1)$ has the value :
- (a) $\log_c b$ (b) $2\log_c b$
 (c) $(\log_c b)^2$ (d) $\log_c(2b)$
- Q.50 The value of $\left[\frac{(2.3)^3 - .027}{(2.3)^3 + .69 + .09} \right]$ is :
- (a) 2.6 (b) 2
 (c) 2.33 (d) 2.27
- Q.51 A cylindrical tub of radius 12cm contains water upto a depth of 20cm. A spherical iron ball is dropped in to the tub and thus the level of water is raised by 6.75cm. The radius of the ball is :
- (a) 4.5 cm (b) 6 cm
 (c) 9 cm (d) 7.25 cm
- Q.52 If the roots of the equation $x^3 + px^2 + 2x + 3 = 0$ are in G.P., then p is equal to :
- (a) 5 (b) $2 \times 3^{2/3}$
 (c) $2 \times 3^{1/3}$ (d) $2 \times 3^{-1/3}$
- Q.53 In a survey 60% of those surveyed owned a Car and 80% of those surveyed owned a T.V. If 55% owned both a Car and T.V., then the percentage of those surveyed who owned a car or a T.V. but not both will be :
- (a) 30% (b) 25%
 (c) 20% (d) 5%
- Q.54 If $\frac{a+b}{a-b} = \frac{1}{5}$, then $\frac{a^2 - b^2}{a^2 + b^2}$ is equal to :
- (a) $\frac{2}{3}$ (b) $\frac{3}{2}$
 (c) $\frac{5}{13}$ (d) $\frac{13}{5}$
- Q.55 A room $5.44m \times 3.74m$ is to be paved with square tiles. The least number of tiles required to cover the floor is :
- (a) 162 (b) 176
 (c) 184 (d) 192
- Q.56 A and B started a joint business. A's investment was thrice the investment of B and the period of his investment was twice the period of investment of B. If A received Rs.1560 as a profit, then the total profit was :
- (a) Rs.1820 (b) Rs.1960
 (c) Rs.3120 (d) Rs.4680
- Q.57 The value of a machine depreciates at the rate of 10% per annum. It was purchased 3 years ago. If its present value is Rs.26389.80, the purchase price of the machine (in rupees) was :
- (a) 32,000 (b) 36,200
 (c) 37,500 (d) 35,600

Q.58 Tick the appropriate word which you think should be filled in the Blanks:-

Aconference was held under the auspices of the British Library.

- (a) literature (b) literary (c) lateral (d) laborious

Q.59 Tick the appropriate word which you think should be filled in the Blanks:-

..... influences the character of a person.

- (a) Hierarchy (b) Hearsay (c) Honesty (d) Heredity

Note: Find one-word substitute for the following :-

Q.60 To implant a serum in the human body and thus ensure immunity .

- (a) Infringe (b) Inoculate (c) Operate (d) Sterilize

Q.61 To grow better after sickness

- (a) Convalesce (b) Convolute (c) Convulse (d) Converse

Note: Choose the appropriate meaning of the following words from the alternatives given below:-

Q.62 CURRICULUM

- (a) Corrupt (b) Correspond (c) Curtail (d) Syllabus

Q.63 AMATEUR

- (a) Specialist (b) Non-professional (c) Amicable (d) Resident of America

Q.64 Payment of a commission in accordance with a secret agreement

- (a) Kick Turn (b) Kick Shaw (c) Kick Off (d) Kick Back

Q.65 ACCEDE

- (a) agree (b) reject (c) refuse (d) regret

Q.66 Tick the correct meaning of 'On Tenterhooks' from the choices given below :-

- (a) to be tired (b) to feel tenderly towards someone
(c) to be anxious (d) to hook someone

Q.67 The correct meaning of 'Caught Red Handed' is :-

- (a) Caught in the act (b) Never caught
(c) Caught after some delay (d) Colouring one's hands red

Q.68 'Washing One's Dirty Linen in Public' means:-

- (a) Making a speech in public
- (b) Discussing unpleasant private matters before strangers
- (c) Stepping into a ditch
- (d) Making the clothes dirty

Q.69 "To be wool gathering" means:-

- (a) dreaming
- (b) energizing
- (c) working
- (d) knitting

Q.70 Select the correct sentence only in the following:

- (a) The Army has done well.
- (b) The Army has been done well.
- (c) The Army have done well.
- (d) The Army will have done well.

Q.71 Tick the correct word to be filled in the following sentence :-

The priest bent down before the..... of the goddess.

- (a) altar
- (b) alter
- (c) alter
- (d) alert

Q.72-78 Read the following passage and answer the questions that follow. Choose the best option in each of the questions.

Five years ago, a great American, in whose symbolic shadow we stand today, signed the Emancipation Proclamation. This momentous decree came as a great beacon of light or hope to millions of Negro slaves who had been seared in the flames of withering injustice. It came as a joyous daybreak to end the long night of their captivity.

But one hundred years, the Negro still is not free. One hundred years later, the life of the Negro is still sadly crippled by the manacles of segregation and the chains of discrimination. One hundred years later, the Negro lives on the lonely island of poverty in the midst of a vast ocean of material prosperity. One hundred years later, the Negro is still languishing in the corners of American society and finds himself in exile in his own land. So we have come here today to dramatize a shameful condition.

In a sense we have come to our nation's capital to cash a cheque. When the architects of our republic wrote the magnificent words of the Constitution and the Declaration of Independence, they were signing a promissory note to which every American was to fall heir. This was a promise that all men, yes, black men as well as white men, would be granted the inalienable rights of life, liberty and the pursuit of happiness.

Q.72 What is referred to as the "momentous decree" in paragraph 1?

- (a) The symbolic shadow
- (b) The Emancipation Proclamation
- (c) The statement of Negro slaves
- (d) The vision of a Great American

- Q.73 What kind of conditions were Negroes living in US before the Proclamation?
- (a) In a state of joy (b) In a state of hope (c) In a state of captivity (d) In a just society
- Q.74 What does the word "languishing" mean in Paragraph 2?
- (a) A state of neglect (b) A state of indifference
(c) A state of pining (d) A state of happiness
- Q.75 The phrase "manacles of segregation" draws attention towards the:
- (a) Indifference of the Negroes (b) Slavery of the Negroes
(c) Poverty of the Negroes (d) Hatred for the Negroes
- Q.76 What does the phrase "we have come to our nation's capital to cash the cheque" mean in this context?
- (a) They have come to collect ready cash.
(b) They have come to demand the benefits promised by the Constitution.
(c) They have come to demand freedom.
(d) They have come to get full benefits from the government.
- Q.77 What is a "promissory note"?
- (a) A false note (b) A currency note
(c) A declaration (d) A negotiable instrument
- Q.78 What did the Constitution of US promise?
- (a) That blacks and whites shall enjoy different rights
(b) That whites shall enjoy more rights than blacks
(c) That blacks and whites shall enjoy equal rights
(d) That whites shall enjoy fewer rights than blacks

Q.79-85. Read the following passage and answer the questions that follow. Choose the best option in each of the questions.

The idea of elaboration and protection of the rights of human beings have been gradually transformed into written norms. Many important landmarks may be mentioned on this way, such as, in England, Magna Carta (1215), The Petition of Rights (1628), and the Bill of Rights (1689). During the eighteenth century, the early ideas of natural law developed into an acceptance of natural rights as legal rights, and these rights for the first time were written into national constitutions, thus reflecting an almost contractual relationship between the State and the individual which emphasized that the power of the State derived from the assent of the free

individual. The French Declaration of the Rights of Man and of the Citizen 1789 and the American Bill of the Rights of 1791 were based upon this premise. During the nineteenth century this principle was adopted by a number of independent States and social and economic rights also began to be recognized. Despite the recognition accorded to human rights in national constitutions, these rights were sometimes curtailed or eliminated by legislation or by arbitrary means and, perhaps generally, by informal social mechanisms. Moreover, human rights, in spite of their status as legal rights, were often violated by States themselves.

Since the end of the First World War, there has been a growing belief that the governments alone cannot safeguard human rights, which require international guarantees. Though the mandate of the League of Nations, the first universal intergovernmental organization created after the First World War, did not mention human rights, the League tried to undertake the protection of human rights through international means. However, its concerns were limited mainly to the establishment of certain conditions for the protection of minorities in a few countries.

Q.79 The writer is saying that:

- (a) The concept of human rights is as old as human civilization
- (b) The concept of human rights has evolved gradually
- (c) The concept of human rights is a legal law.
- (d) The concept of human rights is a natural law.

Q.80 The writer is suggesting that:

- (a) The State and Individuals are always opposed to each other
- (b) The State and Individuals have a contractual relationship
- (c) The State and Individual have a parent-child relationship
- (d) The State and Individual have no obligation to each other

Q.81 The writer is stating that:

- (a) The State is all powerful
- (b) The Individual is all powerful
- (c) Neither the State is powerful, nor is an Individual.
- (d) The State derives its power from the Individual

Q.82 The writer is suggesting that the legal rights:

- (a) Must be known to the State
- (b) Must be known to the Individual
- (c) Must be written in the national constitution
- (d) Must be known to both the Individual and the State

Q.83 The French Declaration of the Rights of Man and the Citizen (1789) was:

- (a) A positive development
- (b) A negative development
- (c) Neither a positive nor a negative development
- (d) Never implemented

Q.84 The writer is of the view that:

- (a) Human rights are always protected by the governments
- (b) Human rights are never protected by the governments
- (c) Human rights don't need any international guarantees
- (d) Human rights do need international guarantees

Q.85 The League of Nations did succeed in:

- (a) Protecting the human rights of all
- (b) Protecting the human rights of some
- (c) Protecting the human rights of minorities in some countries
- (d) Protecting the human rights of minorities in all countries

Key: MET 2011

1	C	26	A	51	C	76	B
2	A	27	C	52	D	77	D
3	A	28	D	53	A	78	C
4	B	29	C	54	C	79	B
5	C	30	B	55	B	80	B
6	B	31	A	56	A	81	D
7	C	32	B	57	B	82	C
8	D	33	C	58	A	83	A
9	D	34	C	59	D	84	D
10	D	35	C	60	B	85	C
11	C	36	A	61	A		
12	B	37	B	62	D		
13	C	38	C	63	B		
14	C	39	B	64	D		
15	A	40	D	65	A		
16	B	41	A	66	C		
17	C	42	C	67	A		
18	A	43	D	68	B		
19	D	44	A	69	A		
20	C	45	D	70	WITHDRAWN		
21	A	46	A	71	A		
22	A	47	B	72	B		
23	C	48	C	73	C		
24	D	49	B	74	A		
25	B	50	B	75	B		