PART – I

Section 1: English (36 Questions)

Read the given extract and answer the following questions. (The first 5 questions are based on this passage).

The moral-philosophical approach is as old as classical Greek and Roman critics. Plato, for example, emphasized moralism and utilitarianism; Horace stressed that literature should be delightful and instructive. Among its most famous exemplars are the commentators of the age of neoclassicism in English literature (1660-1800), particularly Samuel Johnson. The basic position of such critics is that the larger function of literature is to teach morality and to probe philosophical issues. They would interpret literature within a context of the philosophical thought of a period or group. From their point of view Jean-Paul Sartre and Albert Camus can be read profitably only if one understands existentialism. Similarly, Pope's *Essay on Man* may be grasped only if one understands the meaning and the role of reason in eighteenth-century thought. Such teaching may also be religiously oriented. Henry Fielding's *Tom Jones*, for example, illustrates the moral superiority of a hot blooded, young man like Tom, whose sexual indulgences are decidedly atoned for by his humanitarianism, tenderheartedness, and instinctive honor (innate as opposed to acquired through training). Serving as foils to Tom are the real sinners in the novel - the vicious and the hypocritical. Hawthorne's *Scarlet Letter* is likewise seen essentially as a study of the effects of secret sin on a human soul - that is, sin unconfessed before both God and man, as the sin of Arthur Dimmesdale with Hester Prynne, or, even more, the sin of Roger Chillingworth. Robert Frost's "Stopping by Woods on a Snowy Evening" suggests that duty and responsibility take precedence over beauty and pleasure.

The enemies of the traditional approach to literary analysis have argued that it has tended to be somewhat deficient in imagination, has neglected the newer sciences such as psychology and anthropology, ignored the political, and has been too content with a commonsense interpretation of the material. But it has nevertheless performed one valuable service: in avoiding cultism and faddism, it has preserved scholarly discipline and balance in literary criticism. Any knowledge or insight (with special reference to scholarly disciplines like history, philosophy, theology, sociology, art, and music) that can help to explain or clarify a literary work ought to be given the fullest possible chance to do so. Indeed, in some sense these approaches represent a necessary first step that precedes most other approaches.

Q.1   What does the word 'foil' mean in the given context?

   [A] Cover   [B] Enemy   [C] Contrast   [D] Competitor

Q.2   Which of the following statements most accurately defines the moral-philosophical approach?

   [A]   Ideation of intersubjectivity and polyphonic design
   [B]   Perception of literature and history as narratives of power and exchange
   [C]   Rejection of the idea of objective reality
   [D]   Espousal of an essentialist view of human life that is inward-looking

Q.3 Which school of thought are Jean-Paul Sartre and Albert Camus associated with?

    [A]   Existentialism   [B]   Utilitarianism

    [C]   Moralism   [D]   Neoclassicism

Q.4 Which of the following statements points out that the moral-philosophical critical approach is most suited to the character analysis of literary personae such as Arthur Dimmesdale, Hester Prynne and Roger Chillingworth?

    [A]   The characters are wanderers, separated from their culture and society

    [B]   The characters have undisclosed, dark, personal lives

    [C]   The characters share the anxieties of the age regarding the changing role of women

    [D]   The characters are avenger figures whose objective is the destruction of a vicious and hypocritical society.

Q.5 Choose the most appropriate statement that offers a critique of the traditional approach to literary analysis.

    [A]   It is unmindful of the political dimension of literature

    [B]   It fetishizes classical Greek and Roman literature

    [C]   It challenges the canon by refusing to adhere to principles of literary criticism

    [D]   It draws inspiration from newer sciences like psychology and anthropology

Read the following poem "After a Death" by Tomas Transtromer and answer the questions given below (There are 5 questions, from no.6 - no.10, based on this poem):

Once there was a shock

that left behind a long, shimmering comet tail.

It keeps us inside. It makes the TV pictures snowy.

It settles in cold drops on the telephone wires.

One can still go slowly on skis in the winter sun

through brush where a few leaves hang on.

They resemble pages torn from old telephone directories.

Names swallowed by the cold.

It is still beautiful to feel the heart beat

but often the shadow seems more real than the body.

The samurai looks insignificant

beside his armor of black dragon scales.

Q.6   In the given poem, the aftermath of death is described as leaving behind a "long, shimmering comet tail"

[A]   To emphasize the astronomical dimension of death

[B]   To emphasize the flickering aura of death

[C]   To emphasize the residual impact of death

[D]   To emphasize the reptilian nature of death

Q.7   The speaker in the poem talks about going on a ski "in the winter sun/through brush". "Brush" in this context means

[A]   Land covered by small trees or bushes

[B]   Land filled with snow

[C]   Land covered by mud flats

[D]   Land filled with slush and quagmires

Q.8   In the poem the phrase "Names swallowed by the cold" refers to

[A]   Old telephone directories   [B]   Tails of comets

[C]   TV pictures   [D]   Leaves on trees

Q.9   The line "It is still beautiful to feel the heart beat" conveys the resolution that the poem

[A]   Moves from melancholy to fear

[B]   Moves from melancholy to hope

[C]   Moves from melancholy to insignificance

[D]   Moves from melancholy to isolation

Q.10. The figure of the samurai looking "insignificant beside his armor of black dragon scales" indicates that

[A]   Death is an overwhelming reality

[B]   Death is a pleasurable experience

[C]   Death is not to be feared

[D]   Death is not bound by the samurai code of honour

Q.11   Which of the following is NOT a SYNONYM for the word 'impasse'?

[A]   Deadlock   [B]   Stalemate   [C]   Headway   [D]   Standoff

Q.12   Which of the following sentences uses the correct correlative conjunctions?

[A]   Neither John nor I am to receive the award

[B]   Neither John or I am to receive the award

[C]   Neither John nor I are to receive the award

[D]   Neither John and I are to receive the award

Q.13   In which of the following sentences is the idiom 'Catch-22' correctly used?

[A]   Kafka Kumar Kulkarni's success in the HSEE exam is a perfect Catch-22 situation.

[B]   When Kafka Kumar Kulkarni got a new job and a fancy car at the same time, friends thought that it was a perfect Catch-22 situation.

[C]   When Kafka Kumar Kulkarni lost heavily in the share market, he found himself in a Catch-22 situation.

[D]   According to Kafka Kumar Kulkarni, getting your first job is a Catch-22 situation because companies want to hire someone with prior experience.

Q.14   Identify the sentence with the correct article usage from the given options

[A]   Srilanka has the wonderful climate.

[B]   Kalpana had taken on the position of Head of Department.

[C]   Kafka Kumar Kulkarni was most peculiar-looking man.

[D]   What are your plans for a future?

Q.15   Identify the sentence with the correct preposition usage from the given options

[A]   The increase in real estate prices points about an upturn in the economy.
[B]   Don't shout to me, I'm doing my best.
[C]   Kafka Kumar Kulkarni knows a lot towards cars.
[D]   Jean cared for her disabled mother until her death last year.

Q.16   Identify the complex sentence from the given options

[A]   The email that I sent Kafka Kumar Kulkarni bounced back.
[B]   I sent Kafka Kumar Kulkarni an email. It bounced back.
[C]   I sent Kafka Kumar Kulkarni an email, but it bounced back.
[D]   The emails sent to Kafka Kumar Kulkarni are bouncing back.

Q.17   Everybody is asleep, _____? Choose the appropriate question tag from the options given below

[A]   isn't it?   [B]   aren't they?   [C]   is it?   [D]   are they?

Q.18   Choose the correct passive form of the sentence, "They will have eaten grilled sandwiches" from the given options

[A]   Grilled sandwiches will be eaten by them.
[B]   Grilled sandwiches had been eaten by them.
[C]   Grilled sandwiches were being eaten by them.
[D]   Grilled sandwiches will have been eaten by them.

Q.19   The company had become *a white elephant* over the years. What does the idiom 'white elephant' mean?

[A]   Large and exotic   [B]   Unreliable and capricious

[C]   Famous and unique   [D]   Expensive and redundant

Q.20   Which of the following sentences uses the present perfect continuous tense?

[A]   The neigbours are having a party for New Year.
[B]   They had been travelling for about thirty-six hours.
[C]   We are going to do some climbing in the Himalayas.
[D]   We've been discussing the proposals for a number of years.

Q.21   Choose the sentence with the correct punctuation from the given options

[A]   Dante Dharmalingam the one with the allergies read his story in class and everyone thought it was excellent.

[B]   Dante Dharmalingam, the one with the allergies, read his story in class; and everyone thought it was excellent.

[C]   Dante Dharmalingam the one with the allergies, read his story in class; and, everyone thought it was excellent.

[D]   Dante Dharmalingam, the one with the allergies read his story in class; and, everyone thought, it was excellent.

Q.22   Identify the sentence with the correct adverb usage from the given options

[A]   I see in this book that the city of Dallas has a large museum.
[B]   What did you paint the house white for?
[C]   Where is the house at?
[D]   Where did you see the deer at when you were in IIT Madras?

Q.23   Identify the sentence with the correct pronoun usage from the given options

[A]   They were hurting theirselves by their conduct.
[B]   Its a long way home.
[C]   Everyone was in their place when the bell rang.
[D]   Whom did you choose yesterday?

Q.24   Which of the following sentences is grammatically correct?

[A]   Everyone was waiting to hear the results.
[B]   Everyone and all was waiting to hear the results.
[C]   Everyone were waiting to hear the results.
[D]   All was waiting to hear the results.

Q.25   Identify the most appropriate ANTONYM of the word "oblivion" from the given options
[A]   Ostentation   [B]   Remembrance   [C]   Ovation   [D]   Extinction

Q.26   Which of the following sentences CANNOT take on a passive form?

[A]   The ship slowly disappeared from view.
[B]   He described the situation to me.
[C]   Are they meeting him at the airport?
[D]   Kafka Kumar Kulkarni talked me into buying a motorbike.

Q.27   Choose the sentence with the correct word order from the given options

[A]   Dante Dharmalingam followed the instructions out exactly.
[B]   Dante Dharmalingam had to get rid of his car and he sold off it at a very low price.
[C]   Dante Dharmalingam told the children off for stealing his apples.
[D]   Dante Dharmalingam had to clean the mess up on the kitchen floor.

Q.28   Which of the following sentences correctly uses the comparative degree?

[A]   Kafka Kumar Kulkarni is more faster than Dante Dharmalingam in solving equations.
[B]   Resisting hierarchy is better than silently suffering the agony and anguish of subjugated living.
[C]   Patience is greatest virtue than overvaulting ambition.
[D]   She was the fairest of them all.

Q.29   Which of the following prefixes can be added to the word "step"?
[A]   Un   [B]   Non   [C]   Ex   [D]   Mis

Q.30   Choose the correct SYNONYM for the word "denigrate" from the list of options given below
[A]   Belittle   [B]   Sanctify   [C]   Expand   [D]   Detain

Q.31   The sentences given below are not in the right order. Choose the right one from the options given
p. By the mid-20th century, ballet throughout the world had become an esoteric and extravagant minority interest, exclusive and self-obsessed.
q. It still has its purist corners, dazzling shrines to decadence - the Japanese court tradition and Bolshoi tradition come to my mind.
r. But elsewhere, the influence of folkdance and popular dance from around the world, and even of athletics and gymnastics, has made ballet one of the most eclectic and dynamic of all performing arts.
s. But in the latter half of the century with increased international travel and awareness of other cultures, ballet has been regenerated.

[A]   prsq   [B]   psqr   [C]   sqpr   [D]   rsqp

Q.32   "Kafka Kumar Kulkarni was _____ by a series of delays that nearly made him miss his flight". Fill in the blanks with the most appropriate option

[A]   ensconced   [B]   solicited   [C]   relegated   [D]   beleaguered

Q.33   "The plane _____ at twice the speed of sound when it passes overhead". Choose the correct tense from the given options to fill in the blanks

[A]   would have travelled   [B]   will travel
[C]   will be travelling   [D]   will have been travelling

Q.34 "Sylvia Plath said to her husband, 'Where are you going out tomorrow?'" Which of the given options is the most appropriate if the given sentence is reported in indirect speech?

[A]   Sylvia Plath asked her husband where he was going out tomorrow.
[B]   Sylvia Plath asked her husband where he was going out the next day.
[C]   Sylvia Plath told me that she asked her husband where he was going out tomorrow.
[D]   Sylvia Plath asked her husband if he was going out the next day.

Q.35 Identify the grammatically correct sentence from the options given

[A]   The President Trump is to make a statement later today.
[B]   The name of the Donald Trump is known all over the world.
[C]   Kafka Kumar Kulkarni is a good orator, but he will never be the Donald Trump.
[D]   Do they mean the Donald Trump or someone else?

Q.36 Which of the following options is the most appropriate ANTONYM of the word 'Protagonist'?

[A]   Antagonist   [B]   Villain   [C]   Rogue   [D]   Desperado

Section 2: Analytical and Quantitative Ability

Q.37 At a certain point, the angle of elevation of a mall is found to be such that its cotangent is 3/5. If one walks 10 metres towards the mall, its angle of elevation is an angle whose cotangent is 1/5. Find the height of the mall.

[A] 15 metres [B] 20 metres [C] 25 metres [D] 30 metres

Q.38 If n is a natural number, which of the following is the solution to the equation $\tan(5\alpha)=\cot(3\alpha)$?

[A] $\alpha=1/8\ (n\pi+\pi/2)$ [B] $\alpha=n\pi$ [C] $\alpha=2n\pi$ [D] $\alpha=4n\pi$

Q.39 In a competition, an amount of Rs. 6000 was distributed equally among the participants. Later, in the competition, 5 new participants were introduced. Again the same amount was distributed equally among all the participants. After the distribution, it was observed that in the second round the old participants received Rs. 100 less as compared to the first round. How many participants were originally there in the competition?

[A] 5 [B] 10 [C] 15 [D] 20

Q.40 The smallest number, when subtracted from the sum of the squares of 13 and 17 gives a perfect square, is

[A] 7 [B] 11 [C] 13 [D] 17

Q.41 The average of 7 numbers is 50. When a new number is taken into consideration, the new average is 45. The new number is

[A] 20 [B] 15 [C] 10 [D] 5

Q.42 A family has 3 members (father, mother, and a daughter). Father's age is twice that of daughter's age and mother's present age is twice that of daughter's age two years ago. The sum of the ages of father and mother is 92. What is the present age of the daughter?

[A] 22 [B] 24 [C] 26 [D] 28

Q.43 A task can be completed in pairs among three persons P, Q, R as follows:
P and Q take 60 days; Q and R take 120 days; P and R take 90 days. In how many days can the task be completed if P, Q, and R work together?

[A] 420/13 [B] 520/13 [C] 620/13 [D] 720/13

Q.44 Jaytee is twice more efficient than Thambi and is therefore able to complete a task 30 days earlier. Find the number of days Jaytee and Thambi will take together to complete a task.

[A] 20 [B] 30 [C] 40 [D] 50

Q.45 Yasmin and Natasha can complete a task in 10 and 20 days respectively. Yasmin is given a task and later asked to leave after 4 days of work. How many days will Natasha take to finish the remaining task?

[A] 6 [B] 8 [C] 10 [D] 12

Q.46 The student ratio in arts, commerce, and science was 6:4:3 respectively. If the students in arts, commerce, and science were increased by 10%, 30%, and 15% respectively, what is the new ratio?

[A]   69:104:132   [B]   132:104:69
[C]   104: 132: 69   [D]   None of the above

Q.47 If 50 is subtracted from the 50% of a number the result is 25. Then the number is

[A]   160   [B]   150   [C]   140   [D]   130

Q.48 Three electronic devices make a beep sound after every 30, 60, and 105 minutes respectively. It is given that all the devices beeped together at 3:00 PM. When will they beep together again?

[A]   7:00 PM   [B]   8:00 PM   [C]   9:00 PM   [D]   10:00 PM

For question numbers 49 to 52 please refer to following table:

Bank	Distribution of loans in ₹ (in Crores)				
	2001	2002	2003	2004	2005
Alpha	18	23	45	30	70
Beta	27	33	18	41	37
Gamma	14	19	27	34	42
Delta	31	16	28	35	43

Q.49 If the minimum target in 2002 was to achieve 30% of the total distribution of the loan given in 2001, then how many banks achieved the target?

[A]   1   [B]   2   [C]   3   [D]   4

Q.50 In which of the following banks did the distribution of loans increase over the years?

[A]   Alpha   [B]   Beta   [C]   Gamma   [D]   Delta

Q.51 What is the approximate percentage increase in distribution of loans of all the banks put together from 2004 to 2005?

[A]   20   [B]   37   [C]   15   [D]   50

Q.52 During which years is the distribution of loans of all the banks put together lower as compared to the average distribution of loans over the years?

[A]   2001, 2002, 2003   [B]   2002, 2003, 2004

[C]   2003, 2004, 2005   [D]   2001, 2003, 2005

Q.53 $\dfrac{343 \times 343 \times 343 - 13 \times 13 \times 13}{343 \times 343 + 343 \times 13 + 13 \times 13} = ?$

[A]   343   [B]   13   [C]   330   [D]   356

Q.54   If the manufacturer of an electric kettle gains 15%, the wholesale dealer gains 10%, and the retailer gains 20%, find the cost of production of the electric kettle with the retail price Rs. 1518.

[A]   1500   [B]   1200   [C]   1000   [D]   800

Q.55   A man bought a horse and a carriage for Rs. 6000. He sold the horse at a gain of 20% and carriage at the loss of 10%, thereby gaining 2% on a whole. What is the cost of the horse?

[A]   2400   [B]   3600   [C]   1200   [D]   4000

Q.56   In a certain coding, the word JOKER is written as LQMGT. What is the coding for the word KING?

[A]   LJOH   [B]   MKPI   [C]   NLQJ   [D]   IPKM

Q.57   Identify the next element in the sequence 0,2,8,26,80,__

[A]   242   [B]   240   [C]   238   [D]   236

Q.58   The unit's place and ten's place of a two digit number are swapped. The new number is divided by 2 and then 3 is added to get the original number. What is the original number?

[A]   18   [B]   21   [C]   24   [D]   26

Q.59   There is a committee of 6 members where one member can have one position at the most. In how many ways can a chairman and vice chairman be selected?

[A]   60   [B]   45   [C]   30   [D]   15

Q.60   Let the symbol '×' denote addition and '+' denote multiplication. Then (19+2)×(3+5)=

[A]   53   [B]   168   [C]   315   [D]   304

Q.61   The solution for the system of linear equations 4x-3y=30 and 3x+4y=85 is

[A]   x=10, y=15   [B]   x=15, y=10   [C]   x=5, y=10   [D]   x=15, y=5

Q.62   What is the value of $sin(cot^{-1}(\frac{1}{\sqrt{3}}))$?

[A] $\dfrac{\sqrt{3}}{2}$ [B] $\sqrt{3}$ [C] $\dfrac{1}{\sqrt{2}}$ [D] $\dfrac{1}{2}$

Q.63   Which one is the smallest fraction?

[A]   1/5   [B]   4/15   [C]   2/30   [D]   5/60

Q.64   It is observed that the sales of a book decreases by 3% whenever its price is hiked by 6%. What is the effect on the sales of the book?

[A]   Profit of 3%   [B]   Profit of 2.82%

[C]   Loss of 2.51%   [D]   Loss of 4%

Q.65 If the difference between simple and compound interest on a sum of money for 2 years at 5% per annum is Rs. 100, then the sum is

[A] 40000 [B] 50000 [C] 80000 [D] 100000

Q.66 If 5+4+3=201227
  3+5+2=151022
  2+5+4=102028, then
  2+6+2=?

[A] 121224 [B] 121222 [C] 122422 [D] 122424

Q.67 Find the average of 8, 14, and x, if the average of 8 and x is 5.

[A] 20 [B] 14 [C] 8 [D] 2

Q.68 If x≠ -4, $\dfrac{2x^2 - 32}{x + 4}$ =?

[A] x-4 [B] x+4 [C] x^2+4 [D] 2x-8

Q.69 If a=2b, b/2=c, and 4c=3d, then d/a=?

[A] 1/3 [B] 2/3 [C] 1 [D] 3/2

Q.70 The average of five consecutive numbers is n. If next two numbers are also included then the average will

[A] Remain the same [B] Increase by 1

[C] Decrease by 1 [D] None of the above

Q.71 Which of the following is the smallest perfect square divisible by 8 and 15?

[A] 2500 [B] 3600 [C] 1600 [D] 900

Q.72 The variance of 17 observations is 10. If each observation is multiplied by 3, what will be the new variance of the resultant observations?

[A] 30 [B] 60 [C] 90 [D] 120

Section 3: Indian Economy

Q.73 The curve joining all points representing bundles of goods, that are considered indifferently by a consumer is referred to as

[A]   Indifference curve   [B]   Demand curve

[C]   Supply curve   [D]   None of the above

Q.74 The monotonicity of preferences implies that indifference curves are _____ sloping.

[A]   Upward   [B]   Downward

[C]   Either Upward or Downward   [D]   Both Upward or Downward

Q.75 The demand curve is
$$d(p) = a - bp; 0 \le p \le \frac{a}{b}$$
$$= 0 \quad ; p > \frac{a}{b}$$
where a is the vertical intercept $-b$ is the slope of the demand curve. At price 0, the demand is a, then at price equal to a/b, the demand will be _____.

[A] $a - b$ [B] a/b [C]   0   [D] b/a

Q.76 If the Total Fixed Cost (TFC) of production is Rs. 1000 and the Average Fixed Cost (AFC) is Rs. 200, how many products will be produced?

[A]   0   [B]   5   [C]   800   [D]   1200

Q.77 Short-run Marginal Cost (SMC) curve cuts the Average Variable Cost (AVC) curve from _____ at _____ point of AVC.

[A]   above; maximum   [B]   below; maximum

[C]   above; minimum   [D]   below; minimum

Q.78 If the Total Revenue (TR) of a firm is Rs. 500 and the firm produces 50 units of output, what will be the Average Revenue (AR)?

[A]   Rs. 25000   [B]   Rs. 450   [C]   Rs. 10   [D]   Rs. 0.10

Q.79 The National Wastelands Development Board (NWDB) was set up in _____ to convert 5 million hectares of wastelands per year into fuel wood and fodder plantations.

[A]   1952   [B]   1956   [C]   1985   [D]   1988

Q.80 Which of the following variables is NOT used in calculating the Human Poverty Index (HPI)?

[A]   Probability at birth not surviving to age 60

[B]   Percentage of adults lacking functional literacy

[C]   Percentage of people living below poverty line

[D]   Long-term employment rate

Q.81 India's population as per the 2001 Census is _____.

[A] 2010 million [B] 1800 million [C] 1200 million [D] 1028 million

Q.82 Author of *The General Theory of Employment, Interest and Money* is _____.

[A] John Maynard Keynes [B] Adam Smith

[C] N.G. Mankiw [D] S. Fischer

Q.83 If (S - I) + (T - G) = (X - M), where S= Aggregate Saving, I= Investment Expenditure, T= Tax revenue, G= Government Expenditure, X= Export and M= Import, what is represented by (X - M)?

[A] Budget deficit [B] Fiscal deficit

[C] Monetary deficit [D] Net export

Q.84 If the currency held by the public is Rs. 1000 and the demand deposits is Rs. 500, calculate the Currency Deposit Ratio (CDR).

[A] 2 [B] 500 [C] 750 [D] 1500

Q.85 If the Marginal Propensity to Consume (MPC) is 0.5, what will be the output multiplier?

[A] 0.5 [B] 2 [C] 0.25 [D] 2.5

Q.86 "In the face of high deficits, people save more". This view is known as _____.

[A] Smith Equivalence [B] Ricardian Equivalence

[C] Dornbusch Equivalence [D] Sen Equivalence

Q.87 _____ was the Chairman of the National Commission on Enterprises in the unorganized/informal sector of 2004.

[A] Arjun Sen Gupta [B] C. Rangarajan

[C] Manmohan Singh [D] Raghuram Rajan

Q.88 Which of the following countries is NOT part of "EFTA" ?

[A] Austria [B] Italy [C] Norway [D] Portugal

Q.89 A function $y = f(x)$ is a non-decreasing function, if the value of y does not _____ with _____ in the value of x. Fill in the blanks with the correct answers from the given options.

[A] increase; increase [B] decrease; decrease

[C] decrease; increase [D] None of the above

Q.90 Both Long-Run Average Cost (LRAC) and Long-Run Marginal Cost (LRMC) are _____ shaped.

[A] L [B] Z [C] J [D] U

Section 4: Indian Society and Culture

Q.91 Which of the following demographic indicators refers to the number of women who die during child birth, per 1000 live births?

[A] Maternal mortality rate [B] Infant mortality rate

[C] Net fertility rate [D] Total fertility rate

Q.92 Some tribal communities in India follow the rule of inheritance of property from mother to daughter. What are the families with such practices called?

[A] Matriarchal [B] Matrilocal [C] Matrimonial [D] Matrilineal

Q.93 Saguna and Nirguna are two broad categories of which form of worship?

[A] Sufi [B] Jnana [C] Karma [D] Bhakti

Q.94 Which country did Ibn Battuta, who travelled across the Indian subcontinent during the 14th century AD, belong to?

[A] Morocco [B] Egypt [C] Turkey [D] Iraq

Q.95 *Alamgir Nama* was the name of the chronicle written about which Mughal Emperor?

[A] Humayun [B] Jahangir [C] Aurangzeb [D] Shah Jahan

Q.96 Which classical dance form of India literally means 'to tell a story' ?

[A] Bharatnatyam [B] Kathak [C] Odissi [D] Mohiniyattam

Q.97 How many days of wage employment are guaranteed as per the provision of the National Rural Employment Guarantee Act?

[A] 100 [B] 150 [C] 120 [D] 200

Q.98 In which city did the East India Company set up the Supreme Court in the year 1773?

[A] Madras [B] Bombay [C] Calcutta [D] Delhi

Q.99 What is the expanded form of KVIC?

[A] Kendriya Vidyalaya Integration Committee

[B] Kendriya Village Information Commission

[C] Krishi Vigyan Information Centre

[D] Khadi and Village Industries Commission

Q.100 Who is the first musician to receive "Bharat Ratna", the highest civilian award of India?

[A] Pt. Ravi Shankar [B] M. S. Subbulakshmi

[C] Pt. Bhimsen Joshi [D] Lata Mangeshkar

Q.101 Which Article of the Constitution of India guarantees 'Right to Life and Personal Liberty'?

[A] 21 [B] 20 [C] 17 [D] 14

Q.102 Which among the following was also the focus of attention of Mahatma Gandhi, along with his efforts for freedom from the British rule?

[A]   Abolition of untouchability   [B]   Religious harmony

[C]   Promotion of home-spun clothes   [D]   All of the above

Q.103 What is the post-harvest folk dance of Assam called?

[A]   Purbi   [B]   Hikat   [C]   Bihu   [D]   Kummi

Q.104 During whose tenure as the Prime Minister did the Government of India accept the recommendation of the Mandal Commission?

[A]   P. V. Narasimha Rao   [B]   V. P. Singh

[C]   Morarji Desai   [D]   Rajiv Gandhi

Q.105 What is the primary objective of the recently launched "Sukanya Samridhi Yojana" ?

[A]   To enable widows to live a life of dignity

[B]   To empower the anganwadi workers

[C]   To enable working women avail psycho-social counselling at workplace

[D]   To ensure the financial empowerment of the girl child

Q.106 One of the languages in the given list of options found in the earliest inscriptions of ancient India was also believed to have been used by ordinary people of that time. Identify the language.

[A]   Pali   [B]   Sanskrit   [C]   Prakrit   [D]   Tamil

Q.107 Which Act of the Parliament has made specific provisions for the local self-governance of tribal people and tribal areas of India?

[A]   RTI Act   [B]   PESA Act   [C]   RTE Act   [D]   NREG Act

Q.108 What are the compilations of Gautam Buddha's teachings called?

[A]   Tipitaka   [B]   Upanishad

[C]   Uttaradhyayana   [D]   Jataka

Section 5: World affairs

Q.109 Identify the Soviet premier during the Cuban missile crisis and also the year in which it erupted?

[A]　Joseph Stalin, 1954 　　　　　[B]　Leonid Brezhnev, 1964

[C]　Nikita Khrushchev, 1962 　　　[D]　Mikhail Gorbachev, 1971

Q.110 The Berlin wall was built in the year___.

[A]　1946 　　[B]　1952 　　[C]　1956 　　[D]　1961

Q.111 Operation Infinite Reach was an attack on _____.

[A]　Al Qaeda terrorist targets in Sudan and Afghanistan

[B]　Al Qaeda and Taliban regime in Afghanistan

[C]　First Gulf War

[D]　Second Gulf War

Q.112 Which of these organisations was replaced by the Organisation for Economic Cooperation and Development (OECD)?

[A]　Organisation for European Economic Cooperation (OEEC)

[B]　Organisation for European Economic Integration (OEEI)

[C]　Organisation for Economic Integration and Development (OEID)

[D]　Organisation for Economic Development and Cooperation (OEDC)

Q.113 ASEAN was established by signing _____ Declaration in the year____.

[A]　Manila, 1968 　　　[B]　Jakarta, 1968

[C]　Bandung, 1967 　　[D]　Bangkok, 1967

Q.114 Who was the first Secretary General of the UN?

[A]　Dag Hammarskjold 　　[B]　Trygve Lie

[C]　U Thant 　　　　　　　[D]　Kurt Waldheim

Q.115 Human Rights Day is observed every year on _____.

[A]　10th of September 　　[B]　10th of October

[C]　10th of November 　　[D]　10th of December

Q.116 Treaty of Versailles ended the _____.

[A]　World War I 　　　　　[B]　World War II

[C]　Anglo-French War 　　[D]　Thirty Years War

Q.117 Bolshevik Revolution took place in _____.

[A] 1916 [B] 1917 [C] 1918 [D] 1919

Q.118 In which of the following years was the membership of the UN Security Council increased from 11 to 15?

[A] 1960 [B] 1965 [C] 1970 [D] 1975

Q.119 Thomas Cup is associated with which sports?

[A] Badminton [B] Table Tennis [C] Lawn Tennis [D] Golf

Q.120 Tsai Ing-wen became the first woman president of which of these countries?

[A] The Philippines [B] Myanmar

[C] Taiwan [D] Laos

Q.121 '*Boko Haram*' is an extremist outfit operating primarily in _____.

[A] Congo [B] Nigeria [C] Sudan [D] Indonesia

Q.122 Manipur and Tripura became separate states in which year?

[A] 1970 [B] 1971 [C] 1972 [D] 1973

Q.123 Rajkumari Amrit Kaur became the Minister for ___ in India's first cabinet.

[A] Health [B] Education

[C] Family Welfare [D] Communications

Q.124 CPI (M) emerged as a result of a split in CPI in the year _____, while splitting of CPI (M) gave way to CPI (ML) in _____.

[A] 1961; 1964 [B] 1962; 1966 [C] 1963; 1968 [D] 1964; 1969

Q.125 Who led the team that drafted the second Five Year Plan?

[A] K.N. Raj [B] P.C. Mahalanobis

[C] V.K.R.V. Rao [D] Suresh Tendulkar

Q.126 Who among the following propounded the idea of 'Soft Power'?

[A] Walter Russel Mead [B] Walter Lippman

[C] Joseph Nye [D] Louis Hartz

Section 6: Ecology and Environment

Q.127 Which of the following help in the successful regulation of environmental equilibrium?

[A]   Oceans   [B]   Forests

[C]   Rivers   [D]   All of the above

Q.128 The annual growth rate of human population is calculated $[\frac{P_2-P_1}{P_1 \times N}] \times 100$
If P_1 is population size in the previous census and P_2 is the population size in the present census, then N is _____.

[A]   Number of years since the first census

[B]   Number of years between first known census and present census

[C]   Number of years between the two censuses

[D]   None of the above

Q.129 Which of the following industries is responsible for creating the largest environmental disaster zones?

[A]   Cement   [B]   Leather   [C]   Automobile   [D]   Mining

Q.130 Bauxite is the name used for the ore of the following metals. Identify the correct answer from the given options.

[A]   Iron   [B]   Gold   [C]   Platinum   [D]   Aluminium

Q.131 The highest amount of mean annual precipitation received by different biomes is given in this list of options. Identify the correct descending order.

[A]   Grassland → Coniferous forest → Tropical forest → Desert

[B]   Tropical forest → Coniferous forest → Grassland → Desert

[C]   Coniferous forest → Grassland → Tropical forest → Desert

[D]   Tropical forest → Grassland → Coniferous forest → Desert

Q.132 Interspecific interactions arise from the interaction of population of two different species, which could be beneficial (+), detrimental (-), or neutral (0) to one or both the species. Then ' (-)' ' (-)' population interaction is called _____.

[A]   Competition [B]   Parasitism   [C]   Mutualism   [D]   Predation

Q.133 Mechanism of soil degradation where reduction in total and biomass carbon takes place is referred to as _____.

[A]   Mechanical process   [B]   Biological process

[C]   Chemical process   [D]   Physical process

Q.134 Ocean Thermal Exchange Capacity (OTEC) type of energy is based on _____.

[A] Pressure difference between the ocean layers

[B] Temperature and pressure difference between the ocean surface and atmosphere

[C] Differences in temperature of ocean layers

[D] Amount of sunlight received by the ocean surface

Q.135 If the outputs of respiration can be inputs to photosynthesis, then _____.

[A] Outputs of photosynthesis can be inputs to respiration

[B] Outputs of photosynthesis can be inputs to recycling

[C] Outputs of respiration can be outputs to photosynthesis

[D] None of the above

Q.136 What is the major abiotic factor responsible for the absence of mango trees in Canada, snow leopards in Tamilnadu, and the presence of tuna fish beyond tropical ocean waters?

[A] Light   [B] Water   [C] Temperature [D] Minerals

Q.137 Greater biological diversity is found in the tropical region when compared to the midlatitudes because _____.

[A] Tropical regions have remained undisturbed for longer periods

[B] Tropical environments are less seasonal and more constant

[C] Availibility of greater solar energy from the sun

[D] All of the above

Q.138 Which of the following is NOT the part of layer of Earth's atmosphere?

[A] Exosphere   [B] Ionosphere   [C] Stratosphere [D] Lithosphere

Q.139 The amount of time taken by items of domestic use for degradation is given in this list of options. Identify the correct increasing order.

[A] Wood → Cotton → Banana peel → Aluminium can

[B] Banana peel → Cotton → Wood → Aluminium can

[C] Aluminium can → Banana peel → Wood → Cotton

[D] Cotton → Wood → Banana peel → Aluminium can

Q.140 Without the presence of atmosphere around the Earth, its average temperature would be -18^{0}C. However, the current average temperature is 15^{0}C. This is due to _____.

[A] Radiation effect   [B] Convection effect

[C] Greenhouse effect   [D] All of the above

Q.141 IPCC stands for _____.

[A]   International panel on climate change

[B]   Intergovernmental panel on climate change

[C]   International panel for changing climate

[D]   Intergovernmental parties of climate change

Q.142 Which of the following gases released from fossil fuels is responsible for acid rain?

[A] SO_2 [B] NO_2 [C] CO_2 [D] N_2O

Q.143 If 'S' represents an ecosystem and 'T' represents a biome, what is the correct relation between 'S' and 'T'?

[A]   S is bigger than T   [B]   S is smaller than T

[C]   S is equal to T   [D]   Not comparable

Q.144 The intensity of normal conversation sound ranges between (dB is decibel) _____.

[A]   3500 - 6000 dB   [B]   350 - 600 dB

[C]   35 - 60 dB   [D]   3.5 - 6.0 dB

END OF PART – I

PART – II (ESSAY WRITING)

Write an essay on ANY ONE of the following:

A)   The National Capital of India has been experiencing high levels of pollution that cause health hazards and disruption in daily life. These high levels of pollution have been attributed to increased industrialization and vehicular pollution. It has been reported that this situation has been further aggravated by crop-residue burning by farmers in Punjab and Haryana. What is your take on providing a long-term feasible solution using technology to address this problem?

B)   Is US hegemony indispensable for world stability? Discuss.

C)   If you are a policy maker, how will you address the problem of increasing unemployment in India? Substantiate your response with adequate policy information.

END OF QUESTION PAPER