## Q. 1 - Q. 5 Carry ONE mark each.

| Q. 1 | Inhaling the smoke from a burning________ you quickly. |
| :--- | :--- |
| (A) | tire / tier |
| (B) | tire / tyre |
| (C) | tyre / tire |
| (D) | tyre / tier |


| Q.2 | A sphere of radius $r \mathrm{~cm}$ is packed in a box of cubical shape. <br> What should be the minimum volume (in $\mathrm{cm}^{3}$ ) of the box that can enclose the <br> sphere? |
| :--- | :--- |
| (A) | $\frac{r^{3}}{8}$ |$\quad$| (B) | $r^{3}$ |
| ---: | :--- |
| (C) | $2 r^{3}$ |
| (D) | $8 r^{3}$ |


| Q.3 | Pipes P and Q can fill a storage tank in full with water in 10 and 6 minutes, <br> respectively. Pipe R draws the water out from the storage tank at a rate of 34 <br> litres per minute. P, Q and R operate at a constant rate. <br> If it takes one hour to completely empty a full storage tank with all the pipes <br> operating simultaneously, what is the capacity of the storage tank (in litres)? |
| :--- | :--- |
| (A) | 26.8 |
| (B) | 60.0 |
| (C) | 120.0 |
| (D) | 127.5 |


| Q. 4 | Six persons $\mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}$ and U are sitting around a circular table facing the center not necessarily in the same order. Consider the following statements: <br> - $P$ sits next to $S$ and $T$. <br> - Q sits diametrically opposite to P . <br> - The shortest distance between S and R is equal to the shortest distance between T and U . <br> Based on the above statements, Q is a neighbor of |
| :---: | :---: |
| (A) | U and S |
| (B) | R and T |
| (C) | R and U |
| (D) | P and S |


| Q. 5 | A building has several rooms and doors as shown in the top view of the building <br> given below. The doors are closed initially. <br> What is the minimum number of doors that need to be opened in order to go <br> from the point P to the point Q? <br> (A) <br> (B) <br> (C) <br> (D) |
| :--- | :--- |

## Q. 6 - Q. 10 Carry TWO marks each.

| Q.6 | Rice, a versatile and inexpensive source of carbohydrate, is a critical component <br> of diet worldwide. Climate change, causing extreme weather, poses a threat to <br> sustained availability of rice. Scientists are working on developing Green Super <br> Rice (GSR), which is resilient under extreme weather conditions yet gives higher <br> yields sustainably. <br> Which one of the following is the CORRECT logical inference based on the <br> information given in the above passage? |
| ---: | :--- |
| (A) | GSR is an alternative to regular rice, but it grows only in an extreme weather |
| (B) | GSR may be used in future in response to adverse effects of climate change |
| (C) | GSR grows in an extreme weather, but the quantity of produce is lesser than <br> regular rice |
| (D) | Regular rice will continue to provide good yields even in extreme weather |


| Q. 7 | A game consists of spinning an arrow around a stationary disk as shown below. <br> When the arrow comes to rest, there are eight equally likely outcomes. It could <br> come to rest in any one of the sectors numbered $1,2,3,4,5,6,7$ or 8 as shown. <br> Two such disks are used in a game where their arrows are independently spun. <br> What is the probability that the sum of the numbers on the resulting sectors upon <br> spinning the two disks is equal to 8 after the arrows come to rest? |
| :--- | :--- |
| (B) |  |


| Q. 8 | Consider the following inequalities. <br> (i) $\quad 3 p-q<4$ <br> (ii) $\quad 3 q-p<12$ <br> Which one of the following expressions below satisfies the above two <br> inequalities? |
| :--- | :--- |
| (A) | $p+q<8$ |
| (B) | $p+q=8$ |
| (C) | $8 \leq p+q<16$ |
| (D) | $p+q \geq 16$ |


| Q.9 | Given below are three statements and four conclusions drawn based on the <br> statements. <br> Statement 1: Some engineers are writers. <br> Statement 2: No writer is an actor. <br> Statement 3: All actors are engineers. |
| :--- | :--- |
|  | Conclusion I: Some writers are engineers. <br> Conclusion III: No actor is a writer. <br> Conclusion IV: Some actors are writers. <br> Which one of the following options can be logically inferred? |
| (A) | Only conclusion I is correct |
| (B) | Only conclusion II and conclusion III are correct |
| (D) | Onlor conclusion III or conclusion IV is correct |


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| :---: | :---: |
| Q. 10 | Which one of the following sets of pieces can be assembled to form a square with a single round hole near the center? Pieces cannot overlap. |
| (A) |  |
| (B) |    |
| (C) |   |
| (D) |   |

## XH-B1: Q. 1 - Q. 17 Carry ONE mark Each

| Q.11 | A relationship is expressed as Iodine : Goitre. <br> The pair(s) of words showing SIMILAR relationship is/are |
| :--- | :--- |
|  | Space for Figure/Equation, if any: |
| (A) | Mango : Anaemia |
| (B) | Insulin : Diabetes |
| (C) | Fat : Obesity |
| (D) | Hormones : Heredity |
| Q.12 | Three individuals are named P, Q, and R. Together they have a total of fifteen <br> children of which nine are boys. P has three girls and Q has same number of boys. <br> Q has one more child than P, who has four children. R has four more boys than the <br> number of girls. The number of girls of R is equal to the number of boys of P. <br> How many boys do R and P have? |
| (C) | $\mathrm{R}=5, \mathrm{P}=1$ |
| (D) | $\mathrm{R}=2, \mathrm{P}=4$ |
| (A) | $\mathrm{R}=3, \mathrm{P}=3$ |
| R $=4, \mathrm{P}=2$ |  |
|  | Spe for Figure/Equation, if any: |

GATE 2022 PHILOSOPHY (XH C4)

| Q. 13 | A sentence has been given below. <br> The train will leave at 8:30 PM, we have been ready by 7:30 PM, so that we can reach the station on time. <br> To make the above sentence grammatically correct, the phrase marked in bold is to be replaced by |
| :---: | :---: |
|  | Space for Figure/Equation, if any: |
| (A) | were |
| (B) | are |
| (C) | must be |
| (D) | should have |
|  |  |
|  |  |
|  |  |
| Q. 14 | Complete the sentence correctly using the options given below. <br> Hastings $\qquad$ (p) $\qquad$ developed as a holiday resort after $\qquad$ (q) $\qquad$ |
|  | Space for Figure/Equation, if any: |
| (A) | $(p)=$ a seaside town, $\quad(q)=$ the first world war |
| (B) | $(p)=$, a seaside town, $\quad(q)=$ the First World War |
| (C) | $(p)=$, a Seaside Town, $\quad(q)=$ World War I |
| (D) | $(p)=$ A seaside town $\quad(q)=$ World War I |

GATE 2022 PHILOSOPHY (XH C4)

| Q.15 | The Arecibo telescope does not resemble what most of us think of when we hear <br> the word telescope. Its reflective surface covers an area of 20 acres, which is quite <br> remarkable. Dangling above it are towers and cables, sub-reflectors and antennas, <br> all of which can be positioned using 26 motors to transmit radio waves and receive <br> echoes with astonishing precision. <br> From the passage, it can be inferred that most telescopes |
| :--- | :--- |
| (A) | are not as large as Arecibo |
| (B) | do not have reflective surface Figure/Equation, if any: |
| (C) | cannot be re-positioned |
| (D) | strictly have 26 motors |
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GATE 2022 PHILOSOPHY (XH C4)

| Q.16 | Tailgating another vehicle is unsafe and illegal. Many rear-end collisions are caused <br> by drivers following too close to the vehicle in front of them. The rules state that a <br> driver must keep significant distance from the vehicle in front in order to stop safely <br> and avoid a collision. Drivers should allow a minimum two seconds gap between <br> their vehicle and the one ahead. At 60 km per hour, this equates to a gap of <br> 33 meters; at 100 km per hour, it equates to a gap of 55 meters. More distance is <br> needed to safely stop in rain or poor visibility, as during rain slippery roads reduce <br> the effectiveness of braking. <br> Which of the following statement(s) can be inferred from the above passage? |
| :--- | :--- |
| (A) | Space for Figure/Equation, if any: |
| (B) | Braking may not be as effective during rain as in the dry conditions. |$|$| (C) | Tailgating is against the road rules. |
| :--- | :--- |
| (D) | Collision has no relationship with tailgating. |
| Q.17 | There are three separate, but equal-sized boxes. Inside each box, there are two <br> separate small boxes. Inside each of the small boxes, there are four even smaller <br> boxes. The total number of boxes will be |
| Space for Figure/Equation, if any: |  |

GATE 2022 PHILOSOPHY (XH C4)
Q. 18 - Q. 26 Carry TWO marks Each

| Q. 18 | In a specific language, xer dan means "big horse", liro cas means "red tomato" and dum cas dan means "big red barn". <br> The equivalent word for barn in this language is |
| :---: | :---: |
|  | Space for Figure/Equation, if any: |
| (A) | dum |
| (B) | liro |
| (C) | dan |
| (D) | cas |
| Q. 19 | Park street is parallel to Rock street. Garden street is perpendicular $\left(90^{\circ}\right)$ to Lake street. Lake street is parallel to Rock street. <br> For the situation described above, the TRUE statement is |
|  | Space for Figure/Equation, if any: |
| (A) | Park street is perpendicular to Lake street |
| (B) | Rock street is parallel to Garden street |
| (C) | Park street is parallel to Garden street |
| (D) | Garden street is perpendicular to Park street |
|  |  |

GATE 2022 PHILOSOPHY (XH C4)

| Q.20 | Six examinations are required to be conducted in a week starting from Sunday to <br> Saturday. Hindi is not scheduled on the first day and English is not scheduled before <br> Hindi. Mathematics is scheduled one day after Physics. Biology is scheduled two <br> days after Hindi. One day prior to Chemistry, there is no examination. Only one <br> examination can be scheduled on a single day and Sunday is not an off day. What <br> are the subjects scheduled on first and the last days? |
| :--- | :--- |
|  | Space for Figure/Equation, if any: |
| (A) | First day Physics, Last day Biology |
| (B) | First day Physics, Last day Chemistry |
| (C) | First day Physics, Last day English |
| (D) | First day English, Last day Biology |
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GATE 2022 PHILOSOPHY (XH C4)
$\left.\begin{array}{|l|l|}\hline \text { Q.21 } & \begin{array}{l}\text { A passage consists of 6 sentences. The first and sixth sentences of the passage are } \\ \text { at their correct positions, while the middle four sentences (represented by } \mathbf{P}, \mathbf{Q}, \mathbf{R}, \\ \text { and } \mathbf{S} \text { are jumbled up. } \\ \text { First sentence: Smoke oozed up between the planks. } \\ \mathbf{P :} \text { Passengers were told to be ready to quit the ship. } \\ \text { Q: The rising gale fanned the smouldering fire. } \\ \mathbf{R :} \text { Everyone now knew there was fire onboard. } \\ \text { S: Flames broke out here and there. } \\ \text { Sixth sentence: Most people bore the shock bravely. }\end{array} \\ \hline \text { (A) } & \text { Qhe most logically CORRECT order for the given jumbled up sentences is }\end{array}\right\}$

GATE 2022 PHILOSOPHY (XH C4)

| Q.22 | For a painting to succeed, it is essential that the painter and his public agree about <br> what is significant. The subject of the painting may have a personal meaning for the <br> painter or a common person; but there can also be the possibility of their agreement <br> on its general meaning. It is at this point that the culture of the society and the period <br> in question precedes the artists and her/his art. Renaissance art would have meant <br> nothing to the Aztecs, and vice versa. If, to some extent, a few intellectuals can <br> appreciate them both today, it is because their culture is a historical one. Its <br> inspiration is history and all known developments to date. <br> According to the passage, which of the following is/are NOT necessarily among <br> the attributes needed for a painter to succeed? |
| :--- | :--- |
| (A) | The subject must have a personal meaning for the painter. | | (B) | The painter is able to communicate and justify the significance of its subject <br> selection. |
| :--- | :--- |
| (C) | The painter and the public agree on what is significant. |
| (D) | The painting of the subjects is driven by public demand. |
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GATE 2022 PHILOSOPHY (XH C4)

| Q.23 | Vinod has a pre-determined route. Each morning he delivers 37 newspapers to <br> customers in his neighborhood. It takes Vinod 50 minutes to deliver all the papers. <br> When Vinod was sick or had other engagements, his friend Tarun, who lives on the <br> same street delivered the papers on his behalf. <br> Find the statement(s) that must be TRUE according to the given information. |
| :--- | :--- |
|  | Space for Figure/Equation, if any: |
| (A) | Vinod and Tarun lived in the same locality. |
| (B) | It was dark outside when Vinod began his delivery. |
| (C) | It took Tarun more than 50 minutes to deliver the papers. |
| (D) | Tarun delivered 37 newspapers to customers. |
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GATE 2022 PHILOSOPHY (XH C4)

| Q.24 | Cholera, typhoid, diphtheria and tuberculosis cause huge number of deaths. <br> Poor quality drinking water has always been the world's greatest single carrier of <br> sickness. Disease is transmitted when sewage and drinking water come into contact. <br> Children are particularly vulnerable. In some of the poorest countries the infant <br> mortality rate is high. The separation of sewage and the supply of clean drinking <br> water are the domain of civil engineers, and their work makes a significant <br> contribution to public health. That contribution was recognized when public <br> sanitation was voted the greatest medical breakthrough, beating the discoveries <br> including antibiotics and vaccines in a poll organized by the British Medical <br> Journal. <br> Identify the statement(s), which is/are NOT TRUE according to the passage. |
| :--- | :--- |
| (A) | Space for Figure/Equation, if any: |
| Children are less prone to water borne diseases. |  |
| (B) | The infant mortality rate was high in economically weaker countries. |
| (C) | The provision of sewage and drinking water should be adequately separated from <br> each other. |
| (D) | The literature states that the public health and sanitation was never given its due <br> importance. |
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GATE 2022 PHILOSOPHY (XH C4)

| Q.25 | Shark's teeth have evolved to correspond to the diet of each particular species of <br> shark. Consequently, the teeth of the great white shark bear little resemblance to <br> those of the bull shark or nurse shark. There were essentially four different shark <br> diets and thus four varieties of shark teeth. Sharks that feed on fish have needle like <br> teeth, perfect for spearing and ripping. Sharks that eat mammals such as seals and <br> sea lions have heavy, serrated teeth, typically triangular on the upper jaw and <br> pointed on the lower jaw. Shark that feed in the benthic zone of the ocean have <br> flattened teeth for crushing the shell of the creatures they find scuttling in the sand <br> or clinging to rocks. Sharks that bask have teeth that are largely non-functional; <br> these sharks filter food from the water by passing it through their gills. <br> Which of the following is/are the CORRECT inference(s) as per the passage? |
| :--- | :--- |
| (A) | Shark's teeth are not specially designed for slaughter. |
| Space for Figure/Equation, if any: |  |
| (B) | The shape of the shark's teeth relates to its prey. |
| (C) | Some species of sharks filter food through their gills. |
| (D) | Shark's teeth relate to its diet. |
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GATE 2022 PHILOSOPHY (XH C4)

| Q.26 | A particular school management wants to contact all parents, all businessmen and <br> all engineers. The following statistics are available with the school. <br> Businessmen $=50$ <br> Engineers $=25$ <br> Parents $=2500$ <br> Businessmen who are engineers $=0$ <br> Businessmen who are parents $=25$ <br> Engineers who are parents $=15$ |
| :--- | :--- |
|  | The number of people needs to be contacted are |
|  | Space for Figure/Equation, if any: |.

GATE 2022 PHILOSOPHY (XH C4)
XH-C4 (Q. 27 - Q. 44 Carry ONE mark Each)

| Q.27 | Let us consider the cases of Shweta and Rani. While Shweta has access to, and can <br> afford to buy good quality dairy products, she and her spouse decide to pursue a <br> vegan lifestyle. Therefore, she no longer buys milk or dairy-based products for her <br> family. Rani's family on the other hand, has a meagre income. Although Rani's <br> children like milk and kheer, Rani refrains from buying milk and instead spends on <br> rice. <br> In light of the concepts of functioning and capability as defined by Martha <br> Nussbaum, which one of the following options holds for the above cases? |
| :--- | :--- |
| (A) | They differ on the basis of capability |
| (B) | They differ on the basis of functioning |
| (C) | They differ on the basis of both functioning and capability |
| (D) | They do not differ since the end-result is the same in both |
| Q.28 | In the opposition of propositions, which one among the following is the <br> contradictory of $A$ proposition? |
| (A) | Only $O$ |
| (B) | Only $E$ |
| (C) | Only $I$ |
| E and $O$ |  |
|  |  |

GATE 2022 PHILOSOPHY (XH C4)

| Q.29 | A study in Europe concluded that whenever there is an increase in the circulation <br> of fake news in social media, the ruling party gains political mileage. Conversely, a <br> proportionate decrease in the circulation of fake news, corresponds to the decline in <br> its popularity. <br> Which one of Mill's methods is entailed in the above reasoning? |
| :--- | :--- |
| (A) | Method of Concomitant Variation |
| (B) | Joint Method of Agreement and Difference |
| (C) | Method of Residues |
| (D) | Method of Difference |
| Q.30 | Which one among the following Greek philosophers upholds the ontology of things <br> by stating that 'all things are flowing' and 'nothing ever is, everything is <br> becoming?' |
| (A) | Heraclitus |
| (B) | Pythagoras |
| (C) | Thales |
| Anaxagoras |  |

GATE 2022 PHILOSOPHY (XH C4)

| Q.31 | Which one among the following will be in agreement with Rene Descartes' <br> confirmation of the cogito, in his Discourse on Method? |
| :--- | :--- |
| (A) | Self exists as an imperfect thing |
| (B) | Self exists as a perfect thing |
| (C) | Only the world exists |
| (D) | Only the self exists |
| Q.32 | According to Immanuel Kant, duty as rationally conceived is determined by: |
| (A) | The will as an a priori principle |
| (B) | The self-interest of the will |
| (C) | The divine will |
| (D) | Valid testimony (āptavacana) |
| (D) | The desire as the will |
| (A) | Comparison (upamāna) |
| Perception (dṛsta/pratyakṣa) |  |
| (B) |  |

GATE 2022 PHILOSOPHY (XH C4)

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| :--- | :--- |
| Q.34 | 'Hare's horn (śaśa-visāṇa)', according to the Philosophy of Yoga, is a valid example <br> of which kind of citta-ṿtti? |
| (A) | Constructive Imagination (vikalpa) |
| (B) | Wrong cognition or false knowledge (viparyaya) |
| (C) | Absence of cognition or sleep (nidra) |
| (D) | Memory (smṛti) |
| Q.35 | According to Jaimini, in Mīmāmsā, which one among the following is a command <br> or injunction that impels humans to perform action? |
| (A) | Dharma |
| (B) | Apūrva |
| (C) | Adrṣ̣a |
| (D) | Niṣkāmakarma |
|  |  |

GATE 2022 PHILOSOPHY (XH C4)

| Q.36 | According to Vaiśeṣika theory of atomism, which one of the following is NOT <br> atomic? |
| :--- | :--- |
| (A) | Ether (ākāśa) |
| (B) | Earth (pṛthvi) |
| (C) | Fire (tejas) |
| (D) | Air (vāyu) |
| Q.37 | The Cārvāka system rejects inference (anumāna) as a pramāṇa because it does not <br> accept: |
| (A) | Invariable concomitance (vyāpti) |
| (B) | Comparison (upamāna) as a pramāṇa |
| (C) | The theory of pramāṇa altogether |
| (D) | Knowledge of God |
| (D) | Sabda as a pramāṇa |
| (A) | The Munddakopanişad distinguishes between 'higher knowledge' (parā vidyā) and <br> (Anowā <br> iower knowledge' (aparā vidyā). What does the higher knowledge (parā vidyā) <br> impledge of Karma |
| Knowledge of the Ātman |  |

GATE 2022 PHILOSOPHY (XH C4)

|  |  |
| :--- | :--- |
| Q.39 | In the Bhagavadgītā, the conception of 'lokasamgraha' denotes that the perfect <br> person: |
| (A) | Purely acts for the wellbeing and welfare of humanity. |
| (B) | Purely concentrates on the Absolute by negating the world. |
| (C) | Fully detaches herself/himself from worldly affairs. |
| (D) | Fully devotes herself/himself to speak about God to people. |
| Q.40 | S. Radhakrishnan, in his An Idealistic View of Life, delineates the nature of ultimate <br> reality as "pure consciousness, pure freedom and infinite possibility." Which school <br> of Indian Philosophy influenced him most? |
| (A) | Advaita Vedānta |
| (B) | Sānkhya |
| (C) | Cārvāka |
| (D) | Mīmāmsā |
|  |  |

GATE 2022 PHILOSOPHY (XH C4)

| Q.41 | Karl Marx in his Economic and Philosophic Manuscripts discusses various forms <br> of alienation within capitalist society. Which of the following appear(s) in Marx's <br> list of alienation? |
| :--- | :--- |
| (A) | From the product of one's labour |
| (B) | From one's species-being |
| (C) | From one another |
| (D) | From one's natural rights |
| Q.42 | Which among the following option(s) define(s) the nature of Forms according to <br> Plato? |
| (A) | Non-mental |
| (B) | Independent of particulars |
| (C) | Temporal |
| (D) | Residing in God |
|  |  |

GATE 2022 PHILOSOPHY (XH C4)

| Q.43 | Jīva and Ajīva are the Categories (padārtha) in Jainism. Which of the following are <br> included in Ajī̄va? |
| :--- | :--- |
| (A) | Matter (pudgala) |
| (B) | Space (ākāśa) |
| (C) | Motion (dharma) |
| (D) | Cause (hetu) |
| Q.44 | In the Śaivasiddhānta, the Supreme Reality is called Pati, the individual self/soul is <br> called Paśu, and the fetters which bind the souls are called Pāśa. Which of the <br> following are included in Pāśa? |
| (A) | Karma |
| (B) | Māyā |
| (C) | Kāma |
| (D) | Moha |
|  |  |

GATE 2022 PHILOSOPHY (XH C4)
Q. 45 - Q. 65 Carry TWO marks Each

| Q.45 | Read the passage carefully and answer the question: <br> "Only, unlike Kant, we do not see man as being essentially a positive will. On the <br> contrary, he is first defined as a negativity. He is first at a distance from himself. He <br> can coincide with himself only by agreeing never to rejoin himself. There is within <br> him a perpetual playing with the negative, and he thereby escapes himself, he <br> escapes his freedom. And it is precisely because an evil will is here possible that <br> the words "to will oneself free" have a meaning. Therefore, not only do we assert <br> that the existentialist doctrine permits the elaboration of an ethics, but it even <br> appears to us as the only philosophy in which an ethics has its place. For, in a <br> metaphysics of transcendence, in the classical sense of the term, evil is reduced to <br> error; and in humanistic philosophies it is impossible to account for it, man being <br> defined as complete in a complete world. Existentialism alone gives - like religions <br> - a real role to evil, and it is this, perhaps, which make its judgments so gloomy. <br> Men do not like to feel themselves in danger." |
| :--- | :--- |
| (A) | Whimone de Beauvoir, The Ethics of Ambiguity |
| Its emphasis on negativity means that it can account for evil. |  |

GATE 2022 PHILOSOPHY (XH C4)

| Q.46 | Keeping in mind the central commitments of John Dewey's Pragmatism, which one <br> of the following applies to his concept of experience? |
| :--- | :--- |
| (A) | It involves transaction between the individual and her environment. |
| (B) | It is an inferior source of knowledge. |
| (C) | It is shaped by the environment but cannot modify the environment. |
| (D) | It is overridden by reason in validating knowledge. |
| Q.47 | All Covid-19 patients are fighters <br> No Covid-19 patients are children <br> Therefore, no children are fighters <br> Which one among the following options determines the mood, figure, and fallacy <br> of the above argument? |
| (D) | AEE, II Figure, Existential Fallacy |
| (AEE, III Figure, Illicit Major |  |
| (B) | AEE, II Figure, Undistributed Middle |
| AEE, III Figure, Illicit Minor |  |
|  | (C) |

GATE 2022 PHILOSOPHY (XH C4)


GATE 2022 PHILOSOPHY (XH C4)

| Q.50 | In light of Merleau-Ponty's concepts of the body and perception in his <br> Phenomenology of Perception, which of the following claim(s) is/are true about my <br> body? |
| :--- | :--- |
| (A) | It is the vantage-point of my perception. |
| (B) | It is the subject of perception. |
| (C) | It can appear in my perception just like other objects. |
| (D) | It is not embedded in my field of perception. |
| Q.51 | Plato's theory of recollection sheds light on the origins of knowledge. Which among <br> the following option(s) does it intend to explain? |
| (A) | Philosophical and mathematical discoveries |
| (B) | Our linguistic capacities |
| (C) | Innateness of knowledge |
| (D) | Only higher learning but not the ordinary learning |
|  |  |
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GATE 2022 PHILOSOPHY (XH C4)

| Q.52 | Which among the following is/are correct statement(s) about Aristotle's approach <br> to the study of logic and its contribution to science (episteme)? |
| :--- | :--- |
| (A) | Logic is a mere tool and not an end in itself. |
| (B) | Logic makes an important but incomplete contribution to science. |
| (C) | The mind-independent nature of things is not accessible only through Logic. |
| (D) | Science employs only Deductive Logic. |
| Q.53 | Which among the following statement(s) is/are in accordance with John Locke's <br> epistemological concern in his An essay concerning human understanding? |
| (A) | All our knowledge ultimately derives from experience. |
| (B) | Experience immediately provides us with ideas, not knowledge as such. |
| (D) | Causal reasoning is not like demonstrative reasoning. |
| (C) | Reason has no role to play in our acquisition of knowledge. |
| (D.54 | Which among the following fundamental rationalist beliefs concerning the cause <br> and effect relation does David Hume reject? |
| (A) | Caus knowledge has no limits. |
| (B) | Causes entail their effects. |
|  | There is necessary connection between cause and effect. |

GATE 2022 PHILOSOPHY (XH C4)

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| Q.55 | If Immanuel Kant is said to have brought about a Copernican revolution in <br> philosophy, it is because of the following reasons: |
| (A) | For bringing foundational change in metaphysics. |
| (B) | For showing that objects conform to perception and not perception to objects. |
| (C) | For placing mind at the center of epistemology. |
| (D) | For bringing foundational change in the theory of morality. |
| Q.56 | What differentiates Logical Positivism of the Vienna Circle from the earlier forms <br> of Empiricism and Positivism of Hume, Mach, Comte and Mill? |
| (A) | In holding that the ultimate basis of knowledge rests upon public experimental <br> verification rather than personal experience. |
| (B) | In holding that metaphysical doctrines are not false but meaningless. |
| (C) | In holding that all genuine knowledge about nature can be expressed in a single <br> language common to all the sciences. |
| In confirming the possibility of synthetic a priori. |  |
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GATE 2022 PHILOSOPHY (XH C4)

| Q.57 | Bertrand Russell's philosophy of Logical Atomism intends to establish his <br> methodological and metaphysical standpoints. Which among the following is/are in <br> accordance with his doctrine? |
| :--- | :--- |
| (A) | Everything we experience can be analyzed into logical atoms. |
| (B) | Logical atoms are particulars, qualities, and relations. |
| (C) | Logical atoms are universals, and not about qualities and relations. |
| (D) | We can apprehend the reality as it is in itself, unaffected by the medium of thought. |
| Q.58 | Using the theories of punishment to argue for or against capital punishment, which <br> among the following is/are true? |
| (A) | A combination of Utilitarian and Deterrent theories will argue for capital <br> punishment. |
| (B) | A combination of Utilitarian and Retributive theories will argue for capital <br> punishment. |
| (C) | A combination of Utilitarian and Reformative theories will argue against capital <br> punishment. |
| (D) | A combination of Reformative and Retributive theories will argue against capital <br> punishment. |
|  | (D) |

GATE 2022 PHILOSOPHY (XH C4)

| Q.59 | Gilbert Ryle believed that Descartes' mind-body dualism commits a category <br> mistake. Which of the following motive(s) of Descartes lead(s) to this category <br> mistake? |
| :--- | :--- |
| (A) | Endorsement of the claims of mechanics but not the Hobbesian kind |
| (B) | Belief in religion and morality |
| (C) | The mental cannot be a variety of the mechanical |
| (D) | Complete endorsement of Hobbesian mechanics |
| Q.60 | Ludwig Wittgenstein, in his Tractatus Logico-Philosophicus, writes, "A picture can <br> depict any reality whose form it has." Which of the following proposition(s) will be <br> in line with this? |
| (A) | A picture can always display a pictorial form. |
| (B) | A picture has logical form. |
| (C) | A logical picture can depict the world. |
| (D) | A picture can depict its pictorial form. |
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GATE 2022 PHILOSOPHY (XH C4)


GATE 2022 PHILOSOPHY (XH C4)

| Q.63 | Read the passage carefully and answer the question: <br> "Habits of the constitutional morality may be essential for the maintenance of a <br> constitutional form of government. But the maintenance of a constitutional form of <br> Government is not the same thing as a self-government by the people. Similarly, it <br> may be granted that adult suffrage can produce government of the people in the <br> logical sense of the phrase, i.e., in contrast to the government of a king. But it cannot <br> by itself be said to bring about a democratic government, in the sense of the <br> government by the people and for the people." <br> - B. R. Ambedkar, "Democracy", The Essential Writings of B. R. Ambedkar |
| :--- | :--- |
| Which of the following statements is/are NOT in conformity with the above |  |
| passage? |  |$|$| The maintenance of self-governance is always maintenance of constitutional |
| :--- |
| government. |

GATE 2022 PHILOSOPHY (XH C4)

| Q.64 | Read the passage carefully and answer the question: <br> "What do I mean by the ideal of universal religion? I do not mean any one universal <br> philosophy, or any one universal mythology, or any one universal ritual held by all; <br> for I know that this world must go on working, wheel within wheel, this intricate <br> mass of machinery, most complex, most wonderful. What can we do then? We can <br> make it run smoothly, we can lessen the friction; we can grease the wheels, as it <br> were. How? By recognizing natural necessity of variation. Just as we have <br> recognized unity by our very nature, so we must also recognize variation. We must <br> learn that truth may be expressed in a hundred thousand ways, and that each of these <br> ways is true as far as it goes. We must learn that same thing can be viewed from a <br> hundred different standpoints, and yet be the same thing." |
| :--- | :--- |
| - Swami Vivekananda, "The Ideal of a Universal Religion", The Complete Works |  |
| of Swami Vivekananda, Vol.II |  |
| Which of the following is/are characteristics of Vivekananda's ideal of universal |  |
| religion? |  |$|$| (A) | No adherence to any particular religion |
| :--- | :--- |
| (B) | Celebration of differences |
| (C) | Recognition of multiple truths |
| (D) | Reduction of all religions into a single religion |
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GATE 2022 PHILOSOPHY (XH C4)

| Q.65 | Read the song carefully and answer the question: <br> Deliverance is not for me in renunciation. I feel the embrace of <br> freedom in a thousand bonds of delight. |
| :--- | :--- |
| Thou ever pourest for me the fresh draught of thy wine of various <br> colours and fragrance, filling this earthern vessel to the brim. <br> My world will light its hundred different lamps with thy flame and <br> place them before the altar of thy temple. <br> No, I will never shut the doors of my senses. The delights of sight <br> and hearing and touch will bear thy delight. |  |
| Yes, all my illusions will burn into illumination of joy, and all my <br> desires ripen into fruits of love. |  |
| (A) | The above song voices Tagore's philosophy of life. Which among the following <br> is/are in conformity with the message of the song? |
| (B) | Worldiness and divinity are not at odds with each other. |
| (C) | Appreciation and enjoyment of the world. |


| Q. No. | Session | Question Type | Subject <br> Name | Key/Range | Mark |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 4 | MCQ | GA | C | 1 |
| 2 | 4 | MCQ | GA | D | 1 |
| 3 | 4 | MCQ | GA | C | 1 |
| 4 | 4 | MCQ | GA | C | 1 |
| 5 | 4 | MCQ | GA | C | 1 |
| 6 | 4 | MCQ | GA | B | 2 |
| 7 | 4 | MCQ | GA | D | 2 |
| 8 | 4 | MCQ | GA | A | 2 |
| 9 | 4 | MCQ | GA | C | 2 |
| 10 | 4 | MCQ | GA | C | 2 |
| 11 | 4 | MCQ | XH-B1 | B | 1 |
| 12 | 4 | MCQ | XH-B1 | C | 1 |
| 13 | 4 | MCQ | XH-B1 | C | 1 |
| 14 | 4 | MCQ | XH-B1 | B | 1 |
| 15 | 4 | MCQ | XH-B1 | A | 1 |
| 16 | 4 | MSQ | XH-B1 | B, C | 1 |
| 17 | 4 | NAT | XH-B1 | 33 to 33 | 1 |
| 18 | 4 | MCQ | XH-B1 | A | 2 |
| 19 | 4 | MCQ | XH-B1 | D | 2 |
| 20 | 4 | MCQ | XH-B1 | B | 2 |
| 21 | 4 | MCQ | XH-B1 | A | 2 |
| 22 | 4 | MCQ | XH-B1 | A OR D | 2 |
| 23 | 4 | MSQ | XH-B1 | A, D | 2 |
| 24 | 4 | MSQ | XH-B1 | A, D OR A, B, D | 2 |
| 25 | 4 | MSQ | XH-B1 | B, C, D | 2 |
| 26 | 4 | NAT | XH-B1 | 2535 to 2535 | 2 |
| 27 | 4 | MCQ | XH-C4 | A | 1 |
| 28 | 4 | MCQ | XH-C4 | A | 1 |
| 29 | 4 | MCQ | XH-C4 | A | 1 |
| 30 | 4 | MCQ | XH-C4 | A | 1 |
| 31 | 4 | MCQ | XH-C4 | A | 1 |
| 32 | 4 | MCQ | XH-C4 | A | 1 |
| 33 | 4 | MCQ | XH-C4 | A | 1 |
| 34 | 4 | MCQ | XH-C4 | A | 1 |
| 35 | 4 | MCQ | XH-C4 | A | 1 |
| 36 | 4 | MCQ | XH-C4 | A | 1 |
| 37 | 4 | MCQ | XH-C4 | A | 1 |
| 38 | 4 | MCQ | XH-C4 | A | 1 |
| 39 | 4 | MCQ | XH-C4 | A | 1 |
| 40 | 4 | MCQ | XH-C4 | A | 1 |
| 41 | 4 | MSQ | XH-C4 | A, B, C | 1 |
| 42 | 4 | MSQ | XH-C4 | A, B | 1 |
| 43 | 4 | MSQ | XH-C4 | A, B, C | 1 |
| 44 | 4 | MSQ | XH-C4 | A, B | 1 |


| 45 | 4 | MCQ | XH-C4 | A | 2 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 46 | 4 | MCQ | XH-C4 | A | 2 |
| 47 | 4 | MCQ | XH-C4 | A | 2 |
| 48 | 4 | MCQ | XH-C4 | A | 2 |
| 49 | 4 | MCQ | XH-C4 | A | 2 |
| 50 | 4 | MSQ | XH-C4 | A,B | 2 |
| 51 | 4 | MSQ | XH-C4 | A,B,C | 2 |
| 52 | 4 | MSQ | XH-C4 | A,B,C | 2 |
| 53 | 4 | MSQ | XH-C4 | A,B | 2 |
| 54 | 4 | MSQ | XH-C4 | A,B,C | 2 |
| 55 | 4 | MSQ | XH-C4 | A,B,C | 2 |
| 56 | 4 | MSQ | XH-C4 | A,B,C | 2 |
| 57 | 4 | MSQ | XH-C4 | A,B | 2 |
| 58 | 4 | MSQ | XH-C4 | A,B OR A, B, C | 2 |
| 59 | 4 | MSQ | XH-C4 | A,B,C | 2 |
| 60 | 4 | MSQ | XH-C4 | A,B,C | 2 |
| 61 | 4 | MSQ | XH-C4 | A,B | 2 |
| 62 | 4 | MSQ | XH-C4 | A,B,C | 2 |
| 63 | 4 | MSQ | XH-C4 | A,B,C | 2 |
| 64 | 4 | MSQ | XH-C4 | A,B | 2 |
| 65 | 4 | MSQ | XH-C4 | A,B,C | 2 |

