

FIRST YEAR HIGHER SECONDARY EXAMINATION MARCH 2018

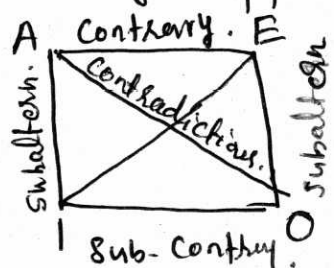
SUBJECT: Philosophy


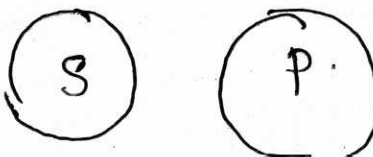
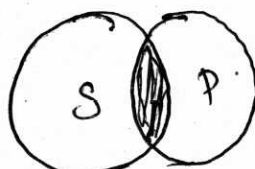

CODE. NO: 130

| Qn No | Sub Qns | Answer Key/Value Points | Score | Total | |
|-------|---------|--|--|------------|----|
| 1 | | (d) universal mal observation. | 1 | 1 | |
| 2 | | (c) our habits and belief. | 1 | 1 | |
| 3. | | (a) love of wisdom. | 1 | 1 | |
| 4. | | Hypothetical proposition. | 1 | 1 | |
| 5. | | Barren Hypothesis. | 1 | 1 | |
| 6. | | Selection of the problem. | 1 | 1 | |
| 7 | | 'O' | 1 | 1 | |
| 8. | | (d) Truth and validity. | 1 | 1 | |
| 9. | | Example for universal and individual mal-observation Ceg: The observation of rope as snake • Sunrise and sunset) | 1 } 1 } | 2. | |
| 10 | | <u>I</u> . Sufficient cause - P. <u>II</u> . Necessary cause - Q | 1 } 1 } | 2 | |
| 11. | | <u>Logic</u> • deals with three operations of human mind. • Normative Science. | <u>Psychology</u> • Science of mind • Positive Science | 1 } 1 } | 2. |

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|-----------|---------|--|-----------|-------|----------|--------|---|----|
| 12. | | Two hypothesis on the topic "impact of the mobile phones in the reading habits of students." | 2 | 2 | | | | |
| 13. | | Mill's views of causation. (The invariable and unconditional or necessary antecedent) | 2 | 2. | | | | |
| 14. | | Three characteristics of science | 3 | 3. | | | | |
| 15. | | Hypothesis. <table border="1" data-bbox="411 1198 1077 1444"> <tbody> <tr> <td>• working</td> <td>False</td> </tr> <tr> <td>• Barren</td> <td>Rival.</td> </tr> </tbody> </table> | • working | False | • Barren | Rival. | 3 | 3. |
| • working | False | | | | | | | |
| • Barren | Rival. | | | | | | | |
| 16. | | <ul style="list-style-type: none"> • Interchange subject and predicate. • Quality remains the same. • No term should be distributed in the converse unless it is distributed in the convertend. | 3 | 3. | | | | |

| Qn. No | Sub Qns | Answer Key/Value Points | Score | Total |
|--------|---------|--|----------|-------|
| 17. | | Complete enumeration Simple enumeration | 1½ 1½ | 3. |
| 18 | | ~ PIS - Some non coward being are thinkers. ~ P O ~ S - Some non coward being are not non thinkers. | 1½ 1½ | 3. |
| 19. | | | 4 | 4 |
| 20 | | Any four steps of research | 4 | 4. |
| 21 | | Difference between observation and experiment. | 4 | 4. |
| 22 | | (a) (T ⊃ F) ∨ T F ∨ T <u>T</u> | 4 | 4. |
| 23 | | Short notes on four steps of scientific induction. | 4 | 4. |
| 24 | | Working hypothesis - substantiate | 4 | 4. |

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| 25 | | Explain the utility of logic. | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | Write up on any 5 rules of syllogism. | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | Discussion report - Scientific method is the best method. | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | Seminal paper on Mill's '5' experimental method | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | Square of opposition.  | 1 5 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | <p>If p then q ($P \supset Q$) $P \vee Q$ ($P \vee Q$)</p> <p><u>Conjunction.</u></p> <table border="1" data-bbox="399 1702 718 1971"> <thead> <tr><th>P</th><th>Q</th><th>$P \wedge Q$</th></tr> </thead> <tbody> <tr><td>T</td><td>T</td><td>T</td></tr> <tr><td>T</td><td>F</td><td>F</td></tr> <tr><td>F</td><td>T</td><td>F</td></tr> <tr><td>F</td><td>F</td><td>F</td></tr> </tbody> </table> <p><u>Disjunction.</u></p> <table border="1" data-bbox="750 1680 941 1948"> <thead> <tr><th>P</th><th>Q</th><th>$P \vee Q$</th></tr> </thead> <tbody> <tr><td>T</td><td>T</td><td>T</td></tr> <tr><td>T</td><td>F</td><td>T</td></tr> <tr><td>F</td><td>T</td><td>T</td></tr> <tr><td>F</td><td>F</td><td>F</td></tr> </tbody> </table> <p><u>Implication.</u></p> <table border="1" data-bbox="973 1680 1212 1948"> <thead> <tr><th>P</th><th>Q</th><th>$P \supset Q$</th></tr> </thead> <tbody> <tr><td>T</td><td>T</td><td>T</td></tr> <tr><td>T</td><td>F</td><td>F</td></tr> <tr><td>F</td><td>T</td><td>T</td></tr> <tr><td>F</td><td>F</td><td>T</td></tr> </tbody> </table> | P | Q | $P \wedge Q$ | T | T | T | T | F | F | F | T | F | F | F | F | P | Q | $P \vee Q$ | T | T | T | T | F | T | F | T | T | F | F | F | P | Q | $P \supset Q$ | T | T | T | T | F | F | F | T | T | F | F | T | 1 1 2 2 2 | 8 |
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|--------|---------|---|---|--------------------------------------|
| | | <p style="text-align: center;">ASEBINOP.</p> <p>A - <u>universal affirmative</u></p>  <p>E - <u>universal negative</u></p>  <p>I - <u>particular affirmative</u></p>  <p>O - <u>particular negative</u></p>  | <p style="text-align: center;">2</p> <p style="text-align: center;">6</p> | <p style="text-align: center;">8</p> |

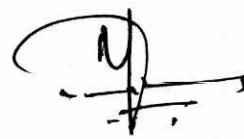
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