

**ANSWER KEYS**  
**FIRST YEAR HIGHER SECONDARY EXAMINATION SEPT. 2021**  
**PART III**  
**SUBJECT: PHILOSOPHY**

**CODE NO: FY241**  
**80 SCORES**

**VERSION: D**  
**2½ HOURS**

Qn No:	ANSWER KEY/ VALUE PIONTS	SCORE	TOTAL MARKS										
1	Ethics	1	1										
2	Reasoning	1	1										
3	True	1	1										
4	A and E	1	1										
5	Logos Reason, Thought, Speech, Word	1 1	2										
6	<b>Some</b> exams are <b>not</b> easy / O proposition	2	2										
7	Universal Causation Same cause will produce the same effect	1 1	2										
8	The problem of Induction Jump from known to unknown/ observed to unobserved/ some to all	2	2										
9	Causality is the relationship between cause and effect/ the principle that everything has a cause / Invariable and necessary antecedent of an effect.	2	2										
10	The instance that helps to decide the true hypothesis between two rival hypothesis.	2	2										
11	$p \vee q / H \vee D$	2	2										
12	Any two qualities of research	2	2										
13	Unscientific induction Scientific induction Analogy	1 1 1	3										
14	The law of Universal causation The law of Uniformity of nature The law of Unity of nature	1 1 1	3										
15	Explain Working Hypothesis- Barren Hypothesis-	1 ½ 1 ½	3										
16	Hypothesis – A tentative explanation/guess statement Theory – A verified hypothesis Law – A proven hypothesis	1 1 1	3										
17	Conjunction Truth Table	1 2	3										
18	Any three uses of symbols in logic	3	3										
19	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">A</th> <th style="width: 50%; text-align: center;">B</th> </tr> </thead> <tbody> <tr> <td>Euler's Circle</td> <td>Distribution</td> </tr> <tr> <td>Hypothetical Proposition</td> <td>Antecedent</td> </tr> <tr> <td>Universal Negative Proposition</td> <td>E proposition</td> </tr> <tr> <td></td> <td>Copula</td> </tr> </tbody> </table>	A	B	Euler's Circle	Distribution	Hypothetical Proposition	Antecedent	Universal Negative Proposition	E proposition		Copula	1 1 1 1	4
A	B												
Euler's Circle	Distribution												
Hypothetical Proposition	Antecedent												
Universal Negative Proposition	E proposition												
	Copula												
20	Simple Propositons and its types Compound Propositions and its types	2 2	4										

<b>21</b>	Explain Mediate Inference Immediate Inference	2 2	4
<b>22</b>	Some red things are rose No roses are non-red	2 2	4
<b>23</b>	$\Sigma$ $\sqsupset$ $\sqsubset$ $\Sigma$	1+1+1+1	4
<b>24</b>	Definition of Syllogism Pure syllogism Mixed syllogism	2 1 1	4
<b>25</b>	Material cause. Formal cause. Efficient cause. Final cause.	1 1 1 1	4
<b>26</b>	The Law of Identity The Law of Contradiction The Law of Excluded Middle The Law of Sufficient reason	1 1 1 1	4
<b>27</b>	Simple Constructive Simple Destructive Complex Constructive Complex Destructive	1 1 1 1	4
<b>28</b>	AAA Tigers Carnivores Animals All tigers are carnivores	1 1 1 1 1	5
<b>29</b>	Any five uses of studying logic	5	5
<b>30</b>	Explain the steps of scientific method	5	5
<b>31</b>	Any five features of science	5	5
<b>32</b>	Seven stages of research	5	5
<b>33</b>	Any five features of research	5	5
<b>34</b>	Categorical Propositions and divisions Conditional Propositions and divisions	4 2	6
<b>35</b>	Explain Mal-observation Non-observation	3 3	6
<b>36</b>	Drawing and marking of Square of Opposition Explanation	3 3	6
<b>37</b>	Explain Deduction Example for deduction Explain Induction Example for Induction	1½ 1½ 1½ 1½	6
<b>38</b>	Definition of logic Explanation	2 6	8
<b>39</b>	Meaning of the word observation Explain characteristics	1 7	8
<b>40</b>	Drawing and marking Euler's Circle Explain distribution of terms	4 4	8
<b>41</b>	Eight rules of Syllogism	8	8

### Participants of Scheme Finalization

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