Total Pages : 4

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ENTRANCE EXAMINATION, 2018

M.Phil./Ph.D.

STUDIES IN SCIENCE POLICY

[Field of Study Code : SSPP (148)]

Time Allowed: 3 hours

Maximum Marks: 80

Note: (i) This question paper has two Parts. Read the instructions given in each Part.

- (ii) All Parts are to be answered in the answer-script.
- (iii) The figures in the right-hand margin indicate marks for the questions.

PART-A seriving (165) to instruction

(Answer all questions)

Choose the correct option :

2×16=32

- 1. In statistics, BLUE refers to
 - (a) Baltagi Lewis unbiased estimator
 - (b) Best linear unbiased estimate
 - (c) Baltagi Lewis unbiased estimate
 - (d) best linear unbiased estimator
- 2. Grounded theory is
 - (a) an inductive methodology
 - (b) a qualitative method
 - (c) Both (a) and (b)
 - (d) None of the above
- 3. Abductive reasoning is used widely by
 - (a) detective agencies of equal state of tAGPU behilder and tremmevoo noinu
 - (b) physicians beautiful med and sead sead state and to draft without to vitrodistA
 - (c) jurors of selfice and Other Scheid by parish a strainer of the Scheid and Committee of the committee of
 - (d) All of the above
- 4. In statistics, C. R. Rao is famous for the investment of the statistics, C. R. Rao is famous for
 - (a) Cramer-Rao upper bound

 ways got has glightly a street of the state of the stat
 - (b) Cramer-Rap distance
 - (c) Cramer-Rao lower bound bins incommel to gravited betograff undback
 - (d) None of the above

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- 5. Scientometrics is a study of measuring and analysing science measuring and analysing technology (b) (c) measuring and analysing innovation All of the above (d) Bibliometrics is statistical analysis of (a) books (b) journal articles (c) newspaper articles (d) All of the above noticerant and the last wo Parts Count the instruction soods and in (d) I stolk (ii) All Parts are to be answered in the snawer-script 7. Oslo manual refers to extract president agreed band-right off all enough off (iii) (a) measurement of scientific and technological activities measurement of R&D activities measurement of human capital (c) measurement of productivity growth Which of the following is a social scale? Likert type scale (a) Bogardus scale (b) Guttman scale (c) (d) All of the above 9. What is ideographic theory? It accounts for the facts in a single case (a) (b) It accounts for facts in many cases (c) It explains less about a lot gyoda adi lo saovi (d) None of the above Abrituative reasoning is used with the by 10. Union Government has notified UIDAI to give legal shape to the Unique Identification Authority of India. Which of the following Acts has been framed under? Aadhar (Targeted Delivery of Financial and Other Subsidies, Benefits and Services) Act, 2015
- - (b) Aadhar (Targeted Delivery of Fiscal and Other Subsidies, Benefits and Services) Act, 2016
 - Aadhar (Targeted Delivery of Fiscal and Other Subsidies, Benefits and Services) Act, 2015
 - Aadhar (Targeted Delivery of Financial and Other Subsidies, Benefits and (d) Services) Act, 2016

11.	'Against method' has been authored by TMAG		
	(a)	Karl Popper snounds own earl may suit : t	S. DE
	(b)	Imre Lakatos	11971
	(c)	Paul Feyerabend	
ð:=1	(d)	ver any four of the following questions in maximum 500 words and amount	Arsav
12.	Which among the following is not used for measuring central tendency?		
	(a)	Mean	
	(b)	Standard deviation Sample and Sample and Standard Sample and Sampl	1.8
	(c)	What is radical innovation? Give two examples.	0.2
	(d)	All of the above	. < 1
13.	t-di	What is research design? Briefly describe its various types at notudirts	20.
	(a)	Discuss ethnography and its limitation in social science research.	75
	(b)	positively skewed	1.4.90
	(c)	negatively skewed	32.
	(d)	uniform	
14.	Whi	ch among the following is not correctly matched?	
	(a) NBRI-Lucknow out of the following the mountain in another than the rise (an award		
	(b)	CDRI—Bangalore	
	(c)	Discuss the implications of use and Uries column for Swachi dilinal Linds	.23.
	(d)	NPL—Delhi	
	Nati	Critically analyze the major companies of Section Technology Linova Policy, 2013.	24.
	(a)	11 May	
	(b)	Discuss the process of conducting a hystematic literature few with 16 February	25.
	(c)	Do you think Degrowth' could be a relevant model of development to wall 01,	30
	(d)	28 February	.012
		And the property of the proper	
16.	Whi	ch among the following is not a form of intellectual property?	27.
	(a)	Trademark	
	(b)	사용하는 1980년 1980년 - 1일 - 1982년 19 1982년 - 1982년	
	(c)	Knighthood was lessed in the second in the s	0.00
	(d)	Geographical indications	

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PART-Besond has been authored Brigar II.

Note: This Part has two Sections.

SECTION-1

Answer any four of the following questions in maximum 500 words each: 4×4=16

- 17. Why are the ethical issues important in social research?
- 18. What is Cyber Crime?
- 19. What is radical innovation? Give two examples.
- 20. What is research design? Briefly describe its various types.
- 21. Discuss ethnography and its limitation in social science research.
- 22. Write a short note on 'responsible innovation'.

SECTION-2

Answer any four of the following questions in maximum 1000 words each: 8×4=32

- 23. Discuss the implications of 'use and throw' culture for Swachh Bharat Mission.
- Critically analyze the major components of Science Technology Innovation Policy, 2013.
- 25. Discuss the process of conducting a 'systematic literature review'.
- 26. Do you think 'Degrowth' could be a relevant model of development in today's world? Illustrate.
- 27. What are the different techniques of sampling? Illustrate with examples.
- Discuss the advantages and disadvantages of 'content analysis' methods in social research.

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