

	Sanjay Ghodawat University, Kolhapur Established as State Private University under Govt. of Maharashtra. Act No XL, 2017	2017-18
FY M Sc	School of Sciences 	
REM 501	Research Methodology - I	Sem-I
16 Dec 2017	Examination: ESE – I, Max Marks: 100, Time 3 Hr	

Instructions: 1) All Questions are compulsory.

Q.1	Short answer (each one mark)	Marks 20	CO
1.	OPAC means: (A) Open Public Access Catalog (B) Oxford Private Account Catalog (C) Oxalic Paper Acid Catalyst (D) Online Public Access Catalog		CO1
2.	Following is Not the citation index service (A) Nature (B) Web of Science (C) Scopus (D) Indian Citation Index		CO1
3.	A ----- is a group of individuals with similar interest who gather either formally or informally to bring up ideas, solve problems or give comments. (A) discussion group (B) research group (C) study group (D) science group.		CO1
4.	A doctor studies the relative effectiveness of two drugs of dengue fever. His research would be classified as (A) Descriptive Survey (B) Experimental Research (C) Case Study (D) Ethnography		CO1
5.	Networking of libraries through electronic media is known as: (A) Infilbnet (B) Libinfnet (C) Internet (D) HTML		CO1

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6.	Which section of a journal article is provided in most online electronic databases? (A) Conclusion (C) Introduction (B) Results (D) Abstract	CO2
7.	'H' from the term ' <i>H</i> -index' refers to : (A) Edmond Halley (C) Jorge E. Hirsch (B) Kristy Hawkins (D) Charles B. Hensley	CO2
8.	A researcher has published 32 research papers which are cited by at least 32 times what would be the H index of that researcher? (A) 16 (C) 08 (B) 32 (D) 64	CO2
9.	Shodhganga is: (A) A digital repository of Indian theses and dissertations submitted to Indian universities. (B) A digital repository of Indian and foreign theses and dissertations submitted to Indian and foreign universities. (C) Government of India's project to clean river Ganga. (D) Search for the origin of river Ganga.	CO2
10.	Which of the following integrates several national and international digital libraries in one single web-portal? (A) National Digital library of India (C) Science Direct (B) NPTEL (D) None of these	CO2
11.	Long form of 'NPTEL' is: (A) National Property Transaction Establishment Limited (B) National Programme on Technology Entertainment Learning (C) National Programme on Technology Enabled Learning (D) National Programme on Technology Enhanced Learning	CO2
12.	First step in research process is _____ (A) Define Research problem (C) Hypothesis (B) Data analysis (D) Data collection	CO2
13.	Which of the following is not the Search Engine (A) Google Scholar (C) Wikipedia (B) Science Direct (D) Scopus	CO2
14.	Research is not (A) a systematic enquiry (C) Scientific process (B) an accidental discovery (D) universal	CO1
15.	DOI stands for (A) Date of Inquiry (C) Digital Object Identifier (B) Data Object Identifier (D) Design object	CO1

	16.	What indicates the quality of a journal? (A) The influence factor (B) The intake factor (C) The impact factor (D) The OPAC factor		CO2
	17.	-----is an entry of a research paper or book in the paper/report you are writing. (A) Hyperlink (B) Hypothesis (C) Citation (D) Citation Index		CO2
	18.	Which of the following is Not true regarding the problems faced by researchers in India (A) Most of the researchers in India undergo scientific training in methodology of research (B) Poor availability of literature (C) Duplication (similar) study is being carried out (D) Inadequate and untimely secretarial assistance		CO1
	19.	-----is the largest abstract and citation database of peer-reviewed literature: scientific journals, books and conference proceedings. (A) Scopus (B) Current Science (C) Nature (D) Google Scholar		CO2
	20.	UGC-Infonet Digital Library Consortium was formally launched in December, 2003 by (A) Shri Narendra Modi (B) Dr. A P J Abdul Kalam (C) Dr. Manmohan Singh (D) Pratibha Patil		CO2
Q.2	a)	Attempt Any Four from the following questions. (Ten marks each)	40	
	A	Differentiate between Research Methods and Research Methodologies.		CO1
	B	State the sources of data collection and explain in detail Digital Sources.		CO1
	C	Explain Research Process with suitable examples.		CO1
	D	Define research problem and explain techniques involved in defining a research problem.		CO2

	E	Define Research and state its objectives.		CO1
Q 3		Answer the following questions.	20	
	A	What is Impact factor? How to calculate it.		CO3
	B	A research journal has published 2010 research papers in the year 2007, 2019 papers in the year 2008, and research papers from this journal were cited 3500 times in the year 2007 and 4000 times in the year 2008. Calculate impact factor of this journal for the year 2009.		CO3
	C	Explain criteria for good research.		CO1
	D	Give List of Search Engines used for research.		CO3
Q.3		Write note on any four (Five mark each)	20	
	a)	Shodhganga		CO3
	b)	Problems faced by researchers in India		CO1
	c)	Significance of research		CO1
	d)	OPAC		CO3
	e)	Primary and secondary data		CO3

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