॥ सा विद्या या विम्वतये ॥



स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड भानतीर्थ', विष्णुपुरी, नांदेड – ४३१ ६०६ (महाराष्ट्र राज्य) भारत

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

'Dnyanteerth', Vishnupuri, Nanded - 431 606 (Maharashtra State) INDIA स्थानी रामानंद तीर्थ भराववाडा विद्यापीठ. नांवेड Established on 17th September, 1994, Recognized By the UGC U/s 2(f) and I2(B), NAAC Re-accredited with B+++ grade

Fax: (02462) 215572 Phone: (02462)215542

Academic-1 (BOS) Section

website: srtmun.ac.in

E-mail: bos@srtmun.ac.in

मानवविज्ञान विद्याशाखे अंतर्गत राष्ट्रीय शैक्षणिक धोरणानुसार पदव्युत्तर स्तरावरील प्रथम वर्षाचे अभ्यासकम शैक्षणिक वर्ष २०२३-२४ पासून लागू करण्याबाबत.

परिपत्रक

संदर्भ:- १. जा.क.शै-१/एनईपी२०२०/मानविज्ञान-अक-/२०२३-२४/१३२ दिनांक ०६/०७/२०२३.

२. जा.क.शै–१/एनईपी२०२०/मानविज्ञान—अक-/२०२३-२४/१२९ दिनांक ३०/०६/२०२३.

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, संदर्भीय परिपत्रकान्वये दिनांक १६ जून २०२३ रोजी संपन्न झालेल्या मा. विद्यापरिषदेच्या बैठकीतील ऐनवेळचा विषय क्र. ०७/५६—२०२३ अन्वये मान्यता दिल्यानुसार मानविज्ञान विद्याशाखे अंतर्गत राष्ट्रीय शैक्षणिक धोरणानुसार अभ्यासकम शैक्षणिक वर्ष २०२३–२४ पासून लागू करण्यात आलेले आहेत. तथापी वरील संदर्भीय परिपत्रक १ व २ अन्वये प्रकाशित केलेल्या अभ्यासकमामध्ये अभ्यासमंडळानी किरकोळ दुरूस्ती करून अभ्यासकम सादर केले आहेत. त्यानुसार दुरूस्तीसह खालील अभ्यासकम लागु करण्यात येत आहेत.

- 1. M. A. Political Science I year (Affiliated Colleges)
- 2. M. A. Psychology I year (Affiliated Colleges)
- 3. M. A. English I year (Affiliated Colleges)

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या www.srtmun.ac.in या संकेतस्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी, ही विनंती.

'ज्ञानतीर्थ' परिसर,

विष्णुपरी, नांदेड - ४३१ ६०६.

जा.क्र.:शैक्षणिक-१/परिपत्रक/एनईपीपीजी/मानवविज्ञानअक/

२०२३-२४/250

दिनांक : २५.०८.२०२३.

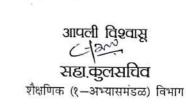
प्रत माहिती व पुढील कार्यवाहीस्तव :

१) मा. अधिप्ठाता, मानवविज्ञान विद्याशाखा, प्रस्तुत विद्यापीठ.

२) मा. संचालक, परीक्षा व मूल्यमापन मंडळ यांचे कार्यालंय, प्रस्तुत विद्यापीठ.

३) मा. प्राचार्य, सर्व संबंधित महाविद्यालये, प्रस्तुत विद्यापीठ.

४) सिस्टम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ. यानां देवून कळविण्यात येते की, सदरील परिपत्रक विद्यापीठाच्या संकेतस्थळावर प्रसिध्द करण्यात यावे.



SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED



Structure and Syllabus of Four Years MultidisciplinaryDegree Program with Multiple Entry and Exit Option

TWO YEAR MASTER DEGREE PROGRAMME

Major in Psychology (DSC)

Under the Faculty of Humanities

Effective from Academic year 2023-2024 (As per NEP-2020)

Forward by the Dean, Faculty of Humanities

From the Desk of Dean

NEP 2020 proposes a new and forward-looking vision for India's Higher Education System through quality universities and colleges. Its key is in the curriculum and its practical implementation.

The curriculum must be exciting, relevant, and regularly updated to align with the latest knowledge requirements and meet specified learning outcomes. High-quality pedagogy is necessary to impart the curricular material to students successfully; pedagogical practices determine the learning experiences provided to students, thus directly influencing learning outcomes. The assessment methods must be scientific, designed to improve learning continuously test the knowledge application.

The university's proper framing and development of syllabi will result in the upbringing and nourishment of multidisciplinary and holistic citizens. Emphasis is on outcome-based learning. Every course has well-defined objectives and outcomes. The assessment guidelines also provide clarity and precision to the vision behind prescribing the particular course content.

NEP foresees more vibrant, socially engaged, cooperative communities and a happier, cohesive, cultured, productive, innovative, progressive, and prosperous nation. The introduction of Research Methodology and ethics will widen the vision and broaden the perspectives of the learners.

Introducing Case Studies and Field Projects has created a unique opportunity for the higher education institute to bridge the gap between the academia, industry and the community NEP believes effective learning requires a comprehensive approach that involves an appropriate curriculum, engaging pedagogy, continuous formative assessment, and adequate student support.

We are sure that the Postgraduate centres of this university and its affiliated colleges will implement the course effectively and successfully, resulting in a healthy and more creative academic ambience.

Prof. Ajay Tengse,
Dean, Faculty of Humanities,
Dr. Vikas Sukale,
Asso.Dean, Faculty of Humanities,
Swami Ramanand Teerth Marathwada University, Nanded.

NOTE: - Need to be modified following guidelines of NEP-2020 and its outcomeAnd Overall improvement in Education system

From Desk of Chairman, Board of Studies of the Subject Psychology

Preamble

Psychology is the scientific study of human behaviour and cognitive processes. Psychology as a Science tries to understand the behaviour of an individual in different situations while also equipping the learner with various abilities to live a well-adjusted life. Psychology not only helps us to understand why other people do the things they do, but it also helps us better understand ourselves and our reactions to other people. Psychology helps you understand how your brain and body are connected, how to improve your learning abilities and memory, and how to deal with the stresses of life, both ordinary and extraordinary.

Psychology facilitates the shaping and moulding of the inner self and also deals with the development of personality inside out, thus making the person an effective human being. As a scientific discipline psychology has many subfields like Social Psychology, Clinical Psychology, Counselling Psychology, Positive Psychology, Educational Psychology, Cognitive Psychology, Industrial and Organizational Psychology, and Developmental Psychology which deal with different domains of human behaviour. The study of psychology provides students to work with the community and well-being of the society. The students can undertake careers like Counsellors, Clinical Practitioners, Therapists, Trainers, HR Managers, and Psychology Teachers in different government and private sector organizations.

Psychology graduates today need to be prepared not just in the textbook understanding of concepts but also in real-life applications that take into account a holistic understanding of a larger, socio-cultural-economic system within which their skills may be put to use.

The pursuit of knowledge of psychology as a scientific discipline and profession, along with enhanced skills is a step towards preparing students to meet the needs of an increasingly competitive job market. The structure of this Programme has also been devised as a student will have foundational as well as skill development learning opportunities so as to be employable or even self-employed.

I, as Chairman Board of Studies in Psychology, Swami Ramanand Teerth Marathwada

University, Nanded happy to state that the Program objectives have been finalized in the meeting of all the members of the Board of Studies.

- To impart knowledge of psychological concepts and modern trends in psychology.
- To foster interest in the subject of psychology and to create a foundation for further studies in psychology.
 - To introduce the students to various fields of psychology.
- To make the students aware of the applications of psychological concepts in various fields so that they understand the relevance of psychology in different areas of life.

Apart from the above objectives, the affiliated institutes can add their own program objectives. As the Chairman of the Board of Studies, I believe strongly that the syllabi of Psychology will definitely help to students to gain fundamental and advanced knowledge of psychology along with enhanced skills.

Dr. Gopal J. Pedapalli

Chairman, Board of Studies of the Psychology

Swami Ramanand Teerth Marathwada University, Nanded

NOTE: - Need to rewrite as per program outcomes and the objectives



Swami Ramanand Teerth Marathwada University, Nanded Members of the Board of Studies in the subject of Psychology under the faculty of Humanities

Sr No	Name of the Member	Designation	Address withmail id	Contact No.
1	Dr.G.J.Pedapalli	Chairman	Sharda Mahavidyalaya,Parbhani. Drpedapalli11@gmail.com	8208654495 9890140223
2	Dr.N.M.Palwade	Member	B.Raghunath College, Parbhani. palwadenm@gmail.com	9766478444
3	Dr.N.V.Singapure	Member	Sharda Mahavidyalaya,Parbhani. nvsingapure@gmail.com	9422611302
4	Dr.G.P.Vaykos	Member	B.Raghunath College, Parbhani. vaykosg@gmail.com	9860070051
5	Dr.V.B.Rasway	Member	P.A.H.College,Ranisawargaon. dr.vishwanathrasway@gmail.com	9764990408
6	Dr.B.S.Jadhav	Member	Shivaji College, Hingoli bappajadhav24@gmail.com	9922282004



Swami Ramanand Teerth Marathwada University, Nanded Faculty of Humanities, Major in PSYCHOLOGY (DSC)

Credit Framework of Two-Year PG Program for the faculty of Humanities

Year &	Sem.	Major Sul	bject	DM	O.M. / ED	Research Project	Credits	Total Credits
Level 1	2	(DSC)	(DSE)4	RM 5	OJT / FP 6	Research Project 7	9	10
	1	HPSYC 501: Cognitive Psychology (4 Cr) HPSYC 502: Foundations of Behavioural Research & Statistics (4 Cr) HPSYC 503: Psychology Practicum's: Experiments & Test (4 Cr)	Elective HPSYE 501: Personality-I (4 Cr)	Research Methodology HPSYR 501 (4 Cr)			20	40
1	2	HPSYC 551: Cognitive Processes (4 Cr) HPSYC 552: Research Designs & Statistics (4 Cr) HPSYC 553: Psychology Practicum's: Experiments & Test (4 Cr)	Elective HPSYE 551: Personality-II (4 Cr)		Field Project HPSYF 551 (4 Cr)		20	

	Exit option: PG Diplon	na (after three year D	Degree)				
3	HPSYC 601: Processes in Research (4 Cr) HPSYC 602: Psychology of Stress (4 Cr) HPSYC 603: Psychology Practicum's: Experiments & Test (4 Cr)	Elective HPSYE 601: Clinical Assessment (4 Cr)			Research Project (Field Survey) HPSYR 601 (4 Cr)	20	40
4	HPSYC 651: Research Designs & Advanced Statistics (4 Cr) HPSYC 652: Psychology Practicum's: Experiments & Test (4 Cr) HPSYC 653: Stress Management (2 Cr)	Elective HPSYE 651: Clinical Intervention (4 Cr)			Research Project HPSYR 651 (6 Cr)	20	
Total Credits	46	16	04	04	10		80

Faculty of Humanities Major in PSYCHOLOGY (DSC)

Post Graduate -First Year Programme of Semester I (Level 6)

Teaching Scheme

	Course Code	Course Name	Cre	edits Assigned		Teaching Scheme (Hrs./ week)		
			Theory	Practical	Total	Theory	Theory Practical	
Maian	HPSYC501	Cognitive Psychology	04		04	04		04
Major	/2	Foundations of Behavioural Research & Statistics	04		04	04		04
		Psychology Practicum's: Experiments & Test		04	04		08	08
Major -Electives	HPSYE501	Personality-I	04		04	04		04
Research Methodology	HPSYR501	Research Methodology	04		04	04		04
Total Credits		16	04	20	16	08	24	



Swami Ramanand Teerth Marathwada University, Nanded Faculty of Humanities Major in PSYCHOLOGY (DSC)

Post Graduate - First Year Programme, Semester II (Level 6)

Teaching Scheme

	Course Code	Course Name	Cro	edits Assig	ned	,	Teaching Scheme (Hrs./ week)	
			Theory	Practical	Total	Theory	Practical	Total
N # - •	HPSYC551	Cognitive Processes	04		04	04		04
Major	HPSYC552	Research Designs &Statistics	04		04	04		04
	HPSYC553	Psychology Practicum's: Experiments & Test		04	04		08	08
Major - Electives	HPSYE551	Personality-II	04		04	04		04
Field Project	HPSYF551	Research Methodology	04		04	04		04
	Total C	redits	16	04	20	16	08	24

Note: BOS will suggest structure/ nature of FP



Faculty of Humanities. Major in PSYCHOLOGY (DSC)

Post Graduate First Year Programme, Semester I (Level 6)

Examination Scheme

[20% Continuous Assessment (CA) and 80% End Semester Examination (ESE)] (For illustration we have considered a paper of 02 credits, 50 marks, need to be modified depending on credits of individual paper)

		Theory						Total
	C		Continu	ious Asses	ssment (CA)		ESE	Total Col. (6+7) / (09) 100 100 100
Subject (1)	Course Code (2)	Course Name (3)	TestI (4)	Test II (5)	Assignment (6)	Avg of T1+T2+Assi. /3 (7)	Total (8)	(09)
Major	HPSYC501	Cognitive Psychology	20	20	20	20	80	100
Major	HPSYC502	Foundations of Behavioural Research & Statistics	20	20	20	20	80	100
	HPSYC503	Psychology Practicum's: Experiments & Test	20	20	20	20	80	100
Major -Electives	HPSYM501	Personality-I	20	20	20	20	80	100
Research Methodology	HPSYR501	Research Methodology	20	20	20	20	80	100



Faculty of Humanities Major in PSYCHOLOGY (DSC)

Post Graduate First Year Programme, Semester II (Level 6) Examination Scheme

[20% Continuous Assessment (CA) and 80% End Semester Examination (ESE)] (For illustration we have considered a paper of 02 credits, 50 marks, need to be modified depending on credits of individual paper)

				Theory				Total
	C		Continuo	ous Assessi	ment (CA)	t (CA)		Col. (6+7) /
Subject (1)	Course Code (2)	Course Name (3)	TestI (4)	Test II (5)	Assignment (6)	Avg of T1+T2+Assi. /3 (7)	Total (8)	(09)
Major	HPSYC551	Cognitive Processes	20	20	20	20	80	100
Wiajoi	HPSYC552	Research Designs &Statistics	20	20	20	20	80	100
	HPSYC553	Psychology Practicum's: Experiments & Test	20	20	20	20	80	100
Major -Electives	HPSYM551	Personality-II	20	20	20	20	80	100
Field Project	HPSYF551	Field Project	20	20	20	20	80	100



Under the Faculty of Humanities

SYLLABUS

PSYCHOLOGY

TWO YEAR MASTER DEGREE PROGRAMME SEMESTER PATTERN

SEMESTER FIRST

Effective from Academic year- 2023-2024 As per NEP-2020



Faculty of Humanities Major in **Psychology** (DSC) Post Graduate -First Year Programme, Semester First

Paper Code: HPSYC501 Paper Title: Cognitive Psychology (Major)

Curriculum Details

Course pre-requisite:

- 1) Any graduation with 24 credits of any subject.
- 2) Books
- 3) ICT

Course objectives:

- 1. To understand cognitive concepts and cognitive Behaviour.
- 2. These courses provide a foundation for designing a comprehensive cognitive psychology course that covers essential concepts,
- 3. Cognitive psychology helps develop effective learning strategies based on research. Cognitive psychology helps develop effective learning strategies based on research.

- 1. Students will be able to apply cognitive psychology principles to real-world situations.
- 2. Education, healthcare, business, and technology, we can Understand how cognitive psychology concepts can be applied in this fields.
- 3. we can Generate innovative ideas or solutions by applying cognitive strategies to real-world problems.

Faculty of Humanities Major in Psychology (DSC)

Paper Code: HPSYC501 Paper Title: Cognitive Psychology (Major)

Curriculum Details: (for 4 Credits)

Module No.	No. UnitNo. Name of Topic		Hrs. Required to cover the contents 1 Hrs.=60 M.			
1. 0		NATURE AND IMPORTANCE OF COGNITIVE PSYCHOLOGY				
	1.1	Cognitive Psychology: Definition and domains				
	1.2	Emergence of Cognitive Psychology	12			
	1.3	Research methods in Cognitive Psychology				
	1.4	Application of Cognitive Psychology	_			
2.0		SENSATION AND ATTENTION	12			
	2.1	Sensation				
	2.2	Attention: Functions of attention	1			
	2.3	Theories of attention process	12			
	2.4	Signal Detection Theory and vigilance	7			
3.0		PERCEPTION				
	3.1	Perception-approaches				
	3.2	Application: Subliminal perception	12			
	3.3	Perceptual defense				
	3.4	Extra sensory perception				
4.0		MEMORY - I				
	4.1	Memory processes				
	4.2	Stages of memory	12			
	4.3	Episodic				
	4.4	Semantic memory				
5.1		FORGETTING				
	5.1 Theories of forgetting5.2 Interference5.3 Decay & Retrieval					
			12			
5.4		Application: -Memory distortion				
	•	Total	60			

Books for Readings:

- 1. Galloti, K.M. (2004): Cognitive Psychology In and Out of Laboratory. USA: Thomson Wadsworth.
- 2. Kellogg, R. T. (2007): Fundamentals of Cognitive Psychology. N. D. Sage Publications.
- 3. Matlin, M. (1994): Cognition. Prism India Books.
- **4. Solso, R.L. (2004):** *Cognitive Psychology* (6th ed). Delhi: Pearson Education.
- **5. Stenberg, R. J. (2007):** *Cognitive Psychology.* Australia: Thompson Wadsworth.
- **6.** Wade, C. and Tavris, C. (2007): *Psychology*. Pearson Education.

Books for Reference:

- 1. Best, J. B. (1999): Cognitive Psychology. USA: Wadsworth Publishing Co.
- 2. Borude, R.R. (2002): Bodhanik Manasashastra. Chhaya Prakashan, Aurangabad.
- **3.** Cohen, G. (1983): Psychology of Cognition (2nd ed). London: Academic Press.
- **4. Desai, B. & Abhyankar, S.C. (2007):** *Prayogik Manasashastra and Sanshodhan Paddhati.* Pune: Narendra Prakashan.
- **5.** Flavell, J. H. (1985): Cognitive Development. (2nd ed). N.J.: Prentice-Hall.
- **6. Gunther, R. K.** (1998): *Human Cognition*. New Jersey: Prentice-Hall.
- 7. Kalpan, S. & Kalpan, R. (1982): Cognition & Environment. N.Y.: Praeger Publishers.
- 8. Reed, S. K. (1998): Cognition: Theory and Application (3rd ed). California Books/Cole Pub. Company.



Faculty of Humanities Major in Psychology (DSC)

Post Graduate -First Year Programme, Semester First

Paper Code: HPSYC502 Paper Title: Foundations of Behavioural Research & Statistics(Major)

Curriculum Details

Course pre-requisite:

- 1) Any graduation with 24 credits of any subject.
- 2) Books
- 3) ICT

Course objectives:

- Research and statistical analysis can generate meaningful insights.
- Explanatory research aims to determine causal relationships and explain why certain events or phenomena occur.
- Evaluative research assesses the effectiveness, efficiency, or impact of programs, interventions, or policies.

- 1. Research results often identify avenues for future research and exploration. Research results may also suggest changes or improvements.
- 2. Research studies help guide future researchers and provide a basis for the development of new research projects and initiatives.
- 3. Research studies help guide future researchers and provide a basis for the development of new research projects and initiatives

Faculty of Humanities Major in Psychology (DSC)

Paper Code: HPSYC502 Paper Title: Foundations of Behavioural Research & Statistics (Major)

Curriculum Details: (for 4 Credits)

Module No.	No.		Hrs. Required to cover the contents 1 Hrs.=60 M.	
1. 0		PROBLEM, HYPOTHESIS AND VARIABLES		
	1.1	Meaning & characteristics of a problem		
	1.2	Types of problem	40	
	1.3	Meaning & characteristics of a good hypothesis	12	
	1.4	Meaning & types of variables		
2.0		SAMPLING		
	2.1	Population and sample, Meaning & types of sampling		
	2.2	Factors influencing decision to sample	4.0	
	2.3	Probability sampling methods	12	
	2.4	Non-probability sampling		
3.0		TECHNIQUES OF OBSERVATION & DATA COLLECTION-I		
	3.1	Questionnaire & schedule	12	
	3.2	Interview	14	
	3.3	Observation as a tool of data collection		
	3.4	Difference between participant observation and non participant observation		
4.0		RATING SCALE		
	4.1	Meaning of rating scale		
	4.2	Types of rating scale: Other special types of rating scale	12	
	4.3	Problems in obtaining effectiveness of rating scale		
	4.4	Errors in rating		
5.1		CORRELATION		
	5.1	The concept & meaning of correlations		
	5.2	Pearson's product-moment correlation	12	
	5.3	Biserial & point-biserial correlation		
	5.4	Tetra choric & phi-coefficient		
	•	Total	60	

Books for Readings:

- 1. Broota, K. D. (1989): Experimental Design in Behavioural Research. New Delhi: Wiley Estern Ltd.
- **2. Kerlinger, F. N. (1994):** *Fundamentals of Behavioural Research,* (3rd ed).
- 3. McBurry, D. H. (2002): Research Methods, USA: Wordsworth, Thompson.
- 4. Robinson, P. W. (1976): Fundamentals of Experimental Psychology. Prentice-hall.
- 5. Shaughnessy, J.J. & Zechmiester, E. B. (1997): Research Methods in Psychology (4th ed).
- Singh, A. K. (2006): Tests Measurement & Research Methods in Behavioural Science, (5th Ed).
 Patna: Bharti Bhavan.
- 7. Zechmiester, J. S. Zechmiester, E. B. & Shaughnessy, J.J. (2001): Essenitials of ResearchMethods in Psychology.

Books for Reference:

- 1. Borude, R. R. (2005): Sanshodhan Paddhatishastra. Pune: Pune Vidyarthi Grhua.
- 2. Desai, B. & AbhyanKar, S. C. (2007): Prayogik Manasashastra and Sanshodhan Paddhati. Pune:Narendra Prakashan.
- **3. Kothari, C. R.** (1985): Research Methodology: Methods & Techniques. New Delhi: Wiley EasternLtd.



Faculty of Humanities Major in Psychology (DSC)
Post Graduate -First Year Programme, Semester First

Paper Code: HPSYC503 Paper Title: Psychology Practicum's: Experiments & Tests (Major)

Curriculum Details

Course pre-requisite:

- 1) Any graduation with 24 credits of any subject.
- 2) Psychological Instruments & Tests
- 3) Books
- 4) ICT

Course objectives:

- To create interest in psychological phenomenon.
- To develop awareness of psychological tools, techniques and tests.
- To nurture the skill of observation.

- Psychological practicums can vary depending on the specific goals and objectives of the practicum experience.
- Psychological studies serve as a transitional stage between student and professional roles.
- Psychological practicum offers opportunities to build professional relationships and networks.

Faculty of Humanities Major in Psychology (DSC)

Paper Code: HPSYC503 Paper Title: Psychology Practicum's: Experiments & Tests (Major)
Curriculum Details: (for 4 Credits)

Module No.	UnitNo.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.			
1. 0		Any Two Out of Four				
	1.1	Signal Detection				
	1.2	Perceptual Defense	40			
	1.3	Illusion	12			
	1.4	Free Association				
2.0		Any Two Out of Four				
	2.1	Concept Formation				
	2.2	Creativity Test	10			
	2.3	Problem Solving	12			
	2.4	Meaningfulness & Rote Learning				
3.0		Any Two Out of Four				
	3.1	Reasoning Ability Test				
	3.2	Mental Set & Perception	12			
	3.3	Zeigarnic Effect				
	3.4	Meaningfulness & Retention				
4.0		Any Two Out of Four				
	4.1	Influence of Reaction on Recall				
	4.2	Retroactive Inhibition	12			
	4.3	STM for Digits or Letters				
	4.4	Memory for Associated & Un-associated pairs of words				
5.1		Any Two Out of Four				
	5.1	Proactive Inhibition				
	5.2	Memory for Meaningful & Meaningless Stimuli	12			
	5.3	Organizational Changes in Memory				
	5.4	Immediate Memory Span				
		Total	60			

Distribution of Marks

Procedure	Viva	Report	Internal	Total
25	25	25	25	100

Books for Readings:

- 1. Baker, L. M., Weisiger, C. & Taylor, M. W. (1960). Laboratory Experiments in General Psychology. Oxford Univ. Press.
- 2. Berkowitz, L. (1974). Advanced Experimental Social Psychology. Academic Press.
- 3. Collins, M. & Drever, J. (1930). Experimental Psychology. London: Methun & Co.Ltd.
- **4. Debold, R. C.** (1968). *Manual of Contemporary Experiments in Psychology*. Prentice-Hall.
- 5. Ferguson, E. D. (1976). *Motivation: An Experimental Approach*. Holt Rinechart & Winston.
- **6. Galloti, K.M.(2004).** *Cognitive Psychology In and Out of Laboratory*. USA: Thomson Wadsworth.
- 7. Jalota, S (1962). Experiments in Psychology. Asia Publishing House.
- **8. Kuppuswamy**, **B.** (1958). *Elementary Experiments in Psychology*. London: Oxford UniversityPress.
- **9.** Mohsin, S. M. (1975). Experiments in Psychology. Orient Longman. Mohanthy. Experiments in Psychology.
- **10. Parameshwarn, E.G. & Rao, B. T. (1968).** *Manual of Experimental Psychology.* Bombay: Lalvani Publishing House.
- **11. Rajamanickam, M. (2005).** Experimental Psychology: With Advanced Experiments, Vol. 1 & 2. New Delhi: Concept Publishing Company.
- **12. Sonodgrass, J. G., Levy-Berger, Hyden (1985).** *Human Experimental Psychology.* New York:Oxford University Press.
- **13. Tinker, M.A. & Russell, W. A.** *Introduction to Methods in experimental Psychology.* Appleton Century Crofts.



Faculty of Humanities Major in Psychology (DSE)

Post Graduate -First Year Programme, Semester First

Paper Code: HPSYC501 Paper Title: Personality-I (Major Elective)

Curriculum Details

Course pre-requisite:

- 1) Any graduation with 24 credits of any subject.
- 2) Books
- 3) ICT

Course objectives:

- 1. To acquaint the students with personality theories.
- 2. This course helps the students to understanding the divers' psychological strategies to analysis personality.
- 3. Personality differences often lead to conflicts and misunderstandings. By knowing the different personality types and their characteristics

- 1. Personality traits can provide insights into how individuals are likely to behave in certain situations and how they may respond to different challenges.
- 2. By learning about different personality types, we can develop a better understanding of other people's perspectives, motivations, and behaviours. This understanding can help you navigate conflicts, communicate more effectively, and build stronger relationships.
- 3. Understanding your personality type can help you identify your strengths and align them with suitable career paths.

Faculty of Humanities Major in Psychology (DSE)

Paper Code: HPSYC501 Paper Title: Personality-I (Major Elective)

Curriculum Details: (for 4 Credits)

Module No. UnitNo. Name of Topic		Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.	
1. 0		INTRODUCTION		
	1.1	Evaluating Personality Theories		
	1.2	Two Examples: Aggression & Depression		
	1.3	Personality & culture	12	
	1.4	The Application of Personality Theories		
2.0		THE PSYCHOANALYSIS: APPROACH		
	2.1	Psychoanalysis: Sigmund Freud		
	2.2	The structure, Dynamics, Development of personality	12	
	2.3	Analytical psychology: Carl Jung		
	2.4	The structure, Dynamics, Development of personality		
3.0		INTERPSYCHIC THEORIES		
	3.1	Alfred Adler Theory		
	3.2	Harry Stack Sullivan Theory	12	
		Ego Analytic psychology: Erikson Theory		
	3.4	Application: Psychoanalytic Theory & Religion		
4.0		BEHAVIOUR THEORIES		
	4.1	Dollard & Miller - stimulus Response Theory		
	4.2	The structure, Dynamics, Development of personality	12	
	4.3	B.F. Skinner's Operant Conditioning		
	4.4	The structure, Dynamics, Development of personality		
5.1		SOCIAL LEARNING THEORIES		
	5.1	Albert Bandura Theory		
	5.2	Mass media Aggression & Aggressive Behaviour	12	
	5.3	Water Mischel Theory		
	5.4	A Cognitive - Affective system Theory of Personality		
		Total	60	

Books for Readings:

- 1. Barabara, E. (2006): Personality Theories (7th Ed), New York: Houghton Mifflin Company
- **2.** Hall, C.S., Lindzey, G. & Campbell, J.B. (2004): *Theories of personality* (4th ed.), India: Pearson Education, Inc.

Books for Reference:

- 1. Barger, J. M. (2004): Personality (6th Ed), USA: Wadsworth/Thompson Learning
- 2. Hjelle, L. A. & Ziggler, D. J. (1992): Personality Theories (3rd), New York: McGraw-Hill, Inc.
- 3. Mischel, W. (1976): Introduction to Personality, USA: Holt, Rnehart & Wiston.



Faculty of Humanities Major in Psychology (DSC)

Post Graduate - First Year Programme, Semester First

Paper Code: HPSYC501 Paper Title: Research Methodology (R.M.)

Curriculum Details

Course pre-requisite:

- 1) Any graduation with 24 credits of any subject.
- 2) Books
- 3) ICT

Course objectives:

- Research and statistical analysis can generate meaningful insights.
- Explanatory research aims to determine causal relationships and explain why certain events or phenomena occur.
- Evaluative research assesses the effectiveness, efficiency, or impact of programs, interventions, or policies.

- 4. Research results often identify avenues for future research and exploration. Research results may also suggest changes or improvements.
- 5. Research studies help guide future researchers and provide a basis for the development of new research projects and initiatives.
- 6. Research studies help guide future researchers and provide a basis for the development of new research projects and initiatives

Faculty of Humanities Major in Psychology (DSC)

Paper Code: HPSYC501 Paper Title: Research Methodology (R.M.)
Curriculum Details: (for 4 Credits)

Module No.	UnitNo.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.	
1. 0		Research: Nature & Fundamental Concepts.		
	1.1	What is Research?		
	1.2	Main Characteristics of Research	40	
	1.3	Methods of Acquiring Knowledge	12	
	1.4	Science & Scientific Methods		
2.0		Research in Behavioural Sciences		
	2.1	Meaning of Behavioural Scienc		
	2.2	Research in Behavioural Scienc: Meaning & Nature		
	2.3	Problems & Difficulties in Behavioural Sciences Research	12	
	2.4	Types of Behavioural Sciences Research		
3.0		Descriptive or Normative Research		
	3.1	What is Descriptive or Normative Research		
	3.2	Nature & Characteristics	12	
	3.3	Significance & Importance		
	3.4	Types of Descriptive or Normative Research		
4.0		Developmental Research		
	4.1	What is Developmental Research?		
	4.2	Types & Forms of Developmental Research	12	
	4.3	Importance & Contribution of Developmental Research		
	4.4	Stages & Steps of Developmental Research		
5.1		Qualitative Research		
	5.1	What is Qualitative Research?		
	5.2	Characteristics of Qualitative Research	12	
	5.3	Distinction between Qualitative & Quantitative Research		
	5.4	Types & Forms of Qualitative Research		
Total			60	

Books for Readings:

- 1. Singh, A. K. (2006): Tests Measurement & Research Methods in Behavioural Science, (5th Ed). Patna: Bharti Bhavan.
- 2. Broota, K. D. (1989): Experimental Design in Behavioural Research. New Delhi: Wiley Estern Ltd.
- 3. McBurry, D. H. (2002): Research Methods, USA: Wordsworth, Thompson.
- **4. Kerlinger, F. N. (1994):** *Fundamentals of Behavioural Research,* (3rd ed).
- 5. Shaughnessy, J.J. & Zechmiester, E. B. (1997): Research Methods in Psychology (4th ed).
- **6. Zechmiester, J. S. Zechmiester, E. B. & Shaughnessy, J.J. (2001):** Essenitials of ResearchMethods in Psychology.
- 7. Robinson, P. W. (1976): Fundamentals of Experimental Psychology. Prentice-hall.
- **8.** Mangal, S.K. & Mangal Shubhra (2013): Research Methods in Behavioural Sciences. PHI Learning privet limited, New Delhi.

Books for Reference:

- 1. Borude, R. R. (2005): Sanshodhan Paddhatishastra. Pune: Pune Vidyarthi Grhua.
- 2. Desai, B. & AbhyanKar, S. C. (2007): Prayogik Manasashastra and Sanshodhan Paddhati. Pune: Narendra Prakashan.
- **3. Kothari, C. R. (1985):** Research Methodology: Methods & Techniques. New Delhi: Wiley EasternLtd.



Under the Faculty of Humanities

SYLLABUS

PSYCHOLOGY

TWO YEAR MASTER DEGREE PROGRAMME SEMESTER PATTERN

SEMESTER SECOND

Effective from Academic year- 2023-2024 As per NEP-2020



Faculty of Humanities Major in Psychology (DSC)

Post Graduate -First Year Programme, Semester Second

Paper Code: HPSYC501 Paper Title Cognitive Processes (Major)
Curriculum Details

Course pre-requisite:

- 1) Any graduation with 24 credits of any subject.
- 2) Books
- 3) ICT

Course objectives:

- 4. To understand cognitive concepts and cognitive Behaviour.
- 5. These courses provide a foundation for designing a comprehensive cognitive psychology course that covers essential concepts,
- 6. Cognitive psychology helps develop effective learning strategies based on research. Cognitive psychology helps develop effective learning strategies based on research.

- 1. Students will be able to apply cognitive psychology principles to real-world situations.
- 2. Education, healthcare, business, and technology, we can Understand how cognitive psychology concepts can be applied in this fields.
- 3. we can Generate innovative ideas or solutions by applying cognitive strategies to real-world problems.

Faculty of Humanities Major in Psychology (DSC)

Paper Code: HPSYC551 Paper Title: Cognitive Psychology (Major)

Curriculum Details: (for 4 Credits)

Module No.	UnitNo.	Name of Topic	Hrs. Required to cover thecontents 1 Hrs.=60 M.
1. 0		Memory-II	
	1.1	Models of Memory	
	1.2	Semantic Memory	12
	1.3	Long-Term Memory	12
	1.4	Applications:- Mnemonic Systems	
2.0		Problem Solving & Creativity	
	2.1	Meaning & Definition of Problem	
	2.2	Types of Problems	12
	2.3	Creativity: Meaning & Definition	12
	2.4	Measuring & Types of Creativity	
3.0		Reasoning & Decision Making	
	3.1	Types of Reasoning	
	3.2	Deductive & Inductive Reasoning	12
	3.3	Decision Making	
	3.4	Application : Knowledge & Problem Solving	
4.0		Cognitive Development	
	4.1	Developmental Psychology	
	4.2	Cognitive Development	12
	4.3	Intelligence & Abilities	
	4.4	Memory	
5.1		Language Production	
	5.1	Properties of language	
	5.2	Process of language comprehension	12
	5.3	Language Acquisition	
	5.4	Reading	
		Total	60

Books for Readings:

- 1. Galloti, K.M. (2004): Cognitive Psychology In and Out of Laboratory. USA: Thomson Wadsworth.
- 2. Kellogg, R. T. (2007): Fundamentals of Cognitive Psychology. N. D. Sage Publications.
- 3. Matlin, M. (1994): Cognition. Prism India Books.
- **4.** Solso, R.L. (2004): Cognitive Psychology (6th ed). Delhi: Pearson Education.
- 5. Stenberg, R. J. (2007): Cognitive Psychology. Australia: Thompson Wadsworth.
- **6.** Wade, C. and Tavris, C. (2007): *Psychology*. Pearson Education.

Books for Reference:

- 1. Best, J. B. (1999): Cognitive Psychology. USA: Wadsworth Publishing Co.
- 2. Borude, R.R. (2002): Bodhanik Manasashastra. Chhaya Prakashan, Aurangabad.
- **3.** Cohen, G. (1983): Psychology of Cognition (2nd ed). London: Academic Press.
- **4. Desai, B. & Abhyankar, S.C. (2007):** *Prayogik Manasashastra and Sanshodhan Paddhati.* Pune: Narendra Prakashan.
- **5.** Flavell, J. H. (1985): Cognitive Development. (2nd ed). N.J.: Prentice-Hall.
- **6. Gunther, R. K.** (1998): *Human Cognition*. New Jersey: Prentice-Hall.
- 7. Kalpan, S. & Kalpan, R. (1982): Cognition & Environment. N.Y.: Praeger Publishers.
- **8. Reed, S. K.** (1998): Cognition: Theory and Application (3rd ed). California Books/Cole Pub. Company.



Faculty of Humanities Major in Psychology (DSC)

Post Graduate -First Year Programme, Semester Second

Paper Code: HPSYC552 Paper Title: Research Designs & Statistics (Major)

Curriculum Details

Course pre-requisite:

- 1) Any graduation with 24 credits of any subject.
- 2) Books
- 3) ICT

Course objectives:

- Research and statistical analysis can generate meaningful insights.
- Explanatory research aims to determine causal relationships and explain why certain events or phenomena occur.
- Evaluative research assesses the effectiveness, efficiency, or impact of programs, interventions, or policies.

- 7. Research results often identify avenues for future research and exploration. Research results may also suggest changes or improvements.
- 8. Research studies help guide future researchers and provide a basis for the development of new research projects and initiatives.
- 9. Research studies help guide future researchers and provide a basis for the development of new research projects and initiatives

Faculty of Humanities Major in Psychology (DSC)

Paper Code: HPSYC552 Paper Title: Research Designs & Statistics (Major) Curriculum Details: (for 4 Credits)

Module No.	UnitNo.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1. 0		Experimental Designs-I	
	1.1	Meaning & purpose of research Design	
	1.2	Criteria of Research design	40
	1.3	Basic principles of Experimental Design	12
	1.4	Replication, Randomization, Local control	
2.0		Experimental Designs-II	
	2.1	Some important types of Research Design	
	2.2	Between- Groups Design	
	2.3	Within – Groups Design	12
	2.4	Comparison of Between – Groups Designs & within Groups Design.	
3.0		Quasi – experimental Design	
	3.1	Time series design	
	3.2	Equivalent time samples Design	12
	3.3	Non- equivalent control group design	
	3.4	Counterbalanced design	
4.0		Significance of The Mean	
	4.1	Significance of difference between two independent means	12
	4.2	Significance of difference between two correlate mean	
	4.3	Factors affecting on 't' ratio	
	4.4	Correlation between actual groups	
5.1		Analysis of Variance (ANOVA)	
	5.1	Need for the Technique of ANOVA	
	5.2	Meaning of the term 'ANOVA'	12
	5.3	Procedure for calculating for 'ANOVA'	
	5.4	Two- Way ANOVA	
	•	Total	60

Books for Readings:

- 1. Broota, K. D. (1989): Experimental Design in Behavioural Research. New Delhi: Wiley Estern Ltd.
- **2. Kerlinger, F. N. (1994):** *Fundamentals of Behavioural Research,* (3rd ed).
- 3. McBurry, D. H. (2002): Research Methods, USA: Wordsworth, Thompson.
- 4. Robinson, P. W. (1976): Fundamentals of Experimental Psychology. Prentice-hall.
- 5. Shaughnessy, J.J. & Zechmiester, E. B. (1997): Research Methods in Psychology (4th ed).
- **6. Singh, A. K. (2006):** *Tests Measurement & Research Methods in Behavioural Science,* (5th Ed). Patna: Bharti Bhavan.
- 7. Zechmiester, J. S. Zechmiester, E. B. & Shaughnessy, J.J. (2001): Essenitials of Research Methods in Psychology.

Books for Reference:

- 1. Borude, R. R. (2005): Sanshodhan Paddhatishastra. Pune: Pune Vidyarthi Grhua.
- 2. Desai, B. & AbhyanKar, S. C. (2007): Prayogik Manasashastra and Sanshodhan Paddhati. Pune:Narendra Prakashan.
- **3. Kothari, C. R.** (1985): Research Methodology: Methods & Techniques. New Delhi: Wiley EasternLtd.



Faculty of Humanities Major in Psychology (DSC)

Post Graduate -First Year Programme, Semester Second Paper Code: HPSYC553 Paper Title: Psychology Practicum's: Experiments & Tests

(Major) Curriculum Details

Course pre-requisite:

- 1) Any graduation with 24 credits of any subject.
- 2) Psychological Instruments & Tests
- 3) Books
- 4) ICT

Course objectives:

- To create interest in psychological phenomenon.
- To develop awareness of psychological tools, techniques and tests.
- To nurture the skill of observation.

- Psychological practicums can vary depending on the specific goals and objectives of the practicum experience.
- Psychological studies serve as a transitional stage between student and professional roles.
- Psychological practicum offers opportunities to build professional relationships and networks

Faculty of Humanities Major in Psychology (DSC)

Paper Code: HPSYC553 Paper Title: Psychology Practicum's: Experiments & Tests (Major)

Curriculum Details: (for 4 Credits)

Module No.	UnitNo.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.	
1. 0		Any Two Out of Four		
	1.1	Interest Inventory		
	1.2	Self-report Inventory		
	1.3	Cognitive Style	12	
	1.4	Developmental Assessment		
2.0		Any Two Out of Four		
	2.1	Dimensional Personality Inventory (DPI)		
	2.2	Projective Test: Pictorial		
	2.3	Stress / Anxiety	12	
	2.4	Environmental Assessment		
3.0		Any Two Out of Four		
	3.1	Adjustment Inventory		
	3.2	NEO – PI	12	
	3.3	Achievement Test		
	3.4	Neuropsychological Assessment		
4.0		Any Two Out of Four		
	4.1	Attitude/Values		
	4.2	High School Personality Inventory (HSPQ)	12	
	4.3	Depression Scale		
	4.4	P.G.I. General Well – Being Measure		
5.1		Any Two Out of Four		
	5.1	Type A/B Behavioural Pattern Scale (ABBPS)		
	5.2	16 PF Questionnaire	12	
	5.3	Frustration Scale		
	5.4	Leadership Scale		
	1	Total	60	

Distribution of Marks

Procedure	Viva	Report	Internal	Total
25	25	25	25	100

Books for Readings:

- 1. Baker, L. M., Weisiger, C. & Taylor, M. W. (1960). Laboratory Experiments in General Psychology. Oxferd Univ. Press.
- 2. Berkowitz, L. (1974). Advanced Experimental Social Psychology. Academic Press.
- 3. Collins, M. & Drever, J. (1930). Experimental Psychology. London: Methun & Co.Ltd.
- **4. Debold, R. C.** (1968). *Manual of Contemporary Experiments in Psychology*. Prentice-Hall.
- 5. Ferguson, E. D. (1976). *Motivation: An Experimental Approach*. Holt Rinechart & Winston.
- **6. Galloti, K.M.(2004).** *Cognitive Psychology In and Out of Laboratory*. USA: Thomson Wadsworth.
- 7. Jalota, S (1962). Experiments in Psychology. Asia Publishing House.
- **8. Kuppuswamy, B.** (1958). *Elementary Experiments in Psychology*. London: Oxford UniversityPress.
- **9. Mohsin, S. M.** (1975). *Experiments in Psychology*. Orient Longman. Mohanthy. *Experiments in Psychology*.
- **10.** Parameshwarn, E.G. & Rao, B. T. (1968). *Manual of Experimental Psychology*. Bombay: Lalvani Publishing House.
- **11. Rajamanickam, M. (2005).** Experimental Psychology: With Advanced Experiments, Vol. 1 & 2. New Delhi: Concept Publishing Company.
- **12. Sonodgrass, J. G., Levy-Berger, Hyden (1985).** *Human Experimental Psychology.* New York: Oxford University Press.
- **13. Tinker, M.A. & Russell, W. A.** *Introduction to Methods in experimental Psychology.* Appleton Century Crofts.



Faculty of Humanities Major in Psychology (DSE)

Post Graduate -First Year Programme, Semester Second

Paper Code: HPSYC551 Paper Title: Personality-II (Major)

Curriculum Details

Course pre-requisite:

- 1) Any graduation with 24 credits of any subject.
- 2) Books
- 3) ICT

Course objectives:

- 1. To acquaint the students with personality theories.
- 2. This course helps the students to understanding the divers' psychological strategies to analysis personality.
- 3. Personality differences often lead to conflicts and misunderstandings. By knowing the different personality types and their characteristics

- 1. Personality traits can provide insights into how individuals are likely to behave in certain situations and how they may respond to different challenges.
- 2. By learning about different personality types, we can develop a better understanding of other people's perspectives, motivations, and behaviours. This understanding can help you navigate conflicts, communicate more effectively, and build stronger relationships.
- 3. Understanding your personality type can help you identify your strengths and align them with suitable career paths.

Faculty of Humanities Major in Psychology (DSE)

Paper Code: HPSYC551 Paper: Personality-II (Major)

Curriculum Details: (for 4 Credits)

Module No.	UnitNo.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1. 0		DISPOSITIONAL THEORIES	
	1.1	Trait & Personality : Gordon Allport	
	1.2	The structure, Dynamics & Development of personality	12
	1.3	Henry Murray	
	1.4	The structure, Dynamics & Development of personality	
2.0		FACTOR ANALYTIC THEORIES	
	2.1	Raymond Cattell	
	2.2	Definition of personality	42
	2.3	Surface traits Vs source Traits	12
	2.4	Application: The Big Five factor theory	
3.0		HUMANISTIC THEORIES	
	3.1	Humanism: Abraham Maslow	
	3.2	Hierarchy of needs	12
	3.3	Syndromes	
	3.4	Self-actualizers	
4.0		EXISTENTIAL THEORIES	
	4.1	Existential Psychoanalysis: Rollo May	
	4.2	The Existential attitude	12
	4.3	Our predicament	
	4.4	Application: Centered Therapy & Job Satisfaction	
5.1		COGNITIVE - BEHAVIORAL THEORIES	
	5.1	Albert Ellis	
	5.2	The Theory of Rational Emotive Behaviour Therapy (REBT)	12
	5.3	Aaron Beck : The Theory Behind cognitive Therapy	
	5.4	Application: Cognitive Psychotherapy	
<u></u>		Total	60

Books for Readings:

- 1. Barabara, E. (2006): Personality Theories (7th Ed), New York: Houghton Mifflin Company
- **2.** Hall, C.S., Lindzey, G. & Campbell, J.B. (2004): *Theories of personality* (4th ed.), India: Pearson Education, Inc.

Books for Reference:

- 1. Barger, J. M. (2004): Personality (6th Ed), USA: Wadsworth/Thompson Learning
- 2. Hjelle, L. A. & Ziggler, D. J. (1992): Personality Theories (3rd), New York: McGraw-Hill, Inc.
- 3. Mischel, W. (1976): Introduction to Personality, USA: Holt, Rnehart & Wiston.

Faculty of Humanities in Psychology (Field Project)

Semester Second

Paper Code: HPSYF551 Paper Title: Field Project (FP)

Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hr.=60 Min.
1. 0		Introduction	
	1.1	Definition of field project	
	1.2	Nature of field project	12
	1.3	Frequency of field project	12
	1.4	Selection of topic for field project.	
2.0		Review of literature	
	2.1	Review of literature	
	2.2	Formulation of objectives	
	2.3	Methodology	12
	2.4	Summary	
3.0		Data collection	
	3.1	Primary data collection and its sources	
	3.2	Secondary data collection and its sources	12
	3.3	Field survey for data collection	
	3.4	Interview	
4.0		Report writing (20-25 Pages)	
	4.1	Report writing	
	4.2	Analysis	12
	4.3	Suggestions	
	4.4	Finding	
5.1		Viva voce	
	5.1	Presentation	
	5.2	Questions	12
	5.3	Answers	
	5.4	Report submission	
	1	Total	60

Swami Ramanand Teerth Marathwada University, Nanded Faculty of Humanities Major in Psychology DSC and DSE

Post Graduate First Year Programme, Semester I and II

End of Semester Examination (ESE)

Theory Question Paper Pattern (4 Credits)

With effective from 2023-24

Marks: 80

Note:

- 1. Question No.1 is Compulsory
- 2. Students are required to solve a total of 04 questions
- 3. Students need to solve Any Three of the remaining Five questions (Q.02 to 06)

Q.1. Write Short Notes (All)	(20)
A)	
B)	
C)	
D)	
E)	
Q.2. Descriptive Question	(20)
Q.3. Descriptive Question	(20)
Q.4. Descriptive Question	(20)
Q.5. Descriptive Question	(20)
Q.6. Descriptive Question	(20)