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# UNIVERSITY OF MYSORE

Ph.D. Entrance Examination, Nov. - 2020

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QUESTION BOOKLET NO.

**MAXIMUM TIME: THREE HOURS** 

504755

#### **QUESTION BOOKLET**

(Read carefully the instructions given in the Question Booklet)

SUBJECT:

**PSYCHOLOGY** 

#### INSTRUCTIONS TO THE CANDIDATES

(Including initial 10 minutes for filling O.M.R. Answer sheet)

- 1. The sealed questions booklet containing 50 questions enclosed with O.M.R. Answer Sheet is given to you.
- 2. Verify whether the given question booklet is of the same subject which you have opted for examination.
- 3. Open the question paper seal carefully and take out the enclosed O.M.R. Answer Sheet outside the question booklet and fill up the general information in the O.M.R. Answer sheet. If you fail to fill up the details in the form of alphabet and signs as instructed, you will be personally responsible for consequences arising during scoring of your Answer Sheet.
- 4. During the examination:

**MAXIMUM MARKS: 100** 

- a) Read each question carefully.
- b) Determine the Most appropriate/correct answer from the four available choices given under each question.
- c) Completely darken the relevant circle against the Question in the O.M.R. Answer Sheet. For example, in the question paper if "C" is correct answer for Question No.8, then darken against SI. No.8 of O.M.R. Answer Sheet using Blue/Black Ball Point Pen as follows:

Question No. 8. (A) (B) (Only example) (Use Ball Pen only)

- 5. Rough work should be done only on the blank space provided in the Question Booklet. Rough work should not be done on the O.M.R. Answer Sheet.
- 6. <u>If more than one circle is darkened for a given question, such answer is treated as wrong and no mark will be given. See the example in the O.M.R. Sheet.</u>
- 7. The candidate and the Room Supervisor should sign in the O.M.R. Sheet at the specified place.
- 8. Candidate should return the original O.M.R. Answer Sheet and the university copy to the Room Supervisor after the examination.
- 9. Candidate can carry the question booklet and the candidate copy of the O.M.R. Sheet.
- 10. The calculator, pager and mobile phone are not allowed inside the examination hall.
- 11. If a candidate is found committing malpractice, such a candidate shall not be considered for admission to the course and action against such candidate will be taken as per rules.

#### INSTRUCTIONS TO FILL UP THE O.M.R. SHEET

- 1. There is only one most appropriate/correct answer for each question.
- 2. For each question, only one circle must be darkened with BLUE or BLACK ball point pen only. Do not try to alter it.
- 3. Circle should be darkened completely so that the alphabet inside it is not visible.
- 4. Do not make any stray marks on O.M.R. Sheet.

ಗಮನಿಸಿ : ಸೂಚನೆಗಳ ಕನ್ನಡ ಅವೃತ್ತಿಯು ಈ ಮಸ್ತಕದ ಹಿಂಭಾಗದಲ್ಲಿ ಮುದ್ರಿಸಲ್ಪಟ್ಟಿದೆ.

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### PART - A

This part shall contains 50 multiple Choice/Objective type questions, each  $[50 \times 1 = 50]$ question carrying one mark. "When a conduction unit is ready to conduct, conduction by it is satisfying" 1) is proposed by Thorndike in his law of Readiness A) Effect B) D) Connection C) Exercise We respond selectively to some of the stimulus in the situation that are capable 2) of eliciting a response- Thorndike explains it as A) Response Set Dispositions Stimulus Strength C) Prepotency of elements D) Which of the reinforcement is more likely to produce scalloping effect 3) Fixed interval schedule Variable interval schedule A) B) Fixed ratio schedule D) Variable ratio schedule 4) Which of the following reinforcement schedules produces highest response rate? Fixed interval schedule

- - A)
- Variable interval schedule B)

C) Fixed ratio schedule

- D) Variable ratio schedule
- Reaction time was first studied experimentally by a Physiologist 5)
  - Franciscus Donders A)

B) Theodor Fechner

Earnest Weber C)

- D) H.V. Helmholtz
- The tendency to selectively look for information that conforms to our hypothesis 6) and to overlook information that argues against it is
  - A) Confirmation bias

B) Selective attention

Prejudice C)

D) Judgement error

7)	Which of the following Nueroimaging techniques is least invasive			ques is least invasive		
	A)	PET 30	B)	MEG		
	C)	Optical imaging	D)	fMRI		
8)	BOI	LD (Blood Oxygenation Level Depe	ndent	t Contrast) signal is measured by		
	A)	PET	B)	CAT		
	C)	fMRI	D)	MEG		
9)	"It is the taking possession by the mind, in clear and vivid form, of one out of what seem several simultaneously possible objects or trains of thought" This statement by William James is referring to					
	A)	Perception	B)	Selective Attention		
	C)	Recapitulation	D)	Imagination		
10)	Eye	tracker device measure succade wh	nich is			
	A)	No of blinks	B)	Number of movements		
	C)	Duration of focus	D)	Number of times focused		
11)	Pho	nemes are best defined as:		genomea is seen a A. G.		
	A) The smallest meaningful combination of sounds in a language					
	B) The basic sounds of consonants and vowels					
	C)	Something that specifies the mean	ing o	f words and phrases		
	D)	A set of rules that specify how we Sentences	e com	bine words to form meaningful		

12)	According to Piaget's period of concrete operations begins from			erations begins from
	A)	0-24 months	B)	2-7 years
	C)	7-12 years	D)	12 years and onwards
13)	Rav	en's standard progressive matrices p	orovi	de a direct measure of
	A)	G.Factor	B)	Progressive learning
	C)	Learning ability	D)	Observation and clear thinking
14)	Whi	ch of the following is not the charac	terist	ics of Normal distribution Curve
	A)	Bell shaped	B)	Asymmetric
	C)	Unimodal	D)	Tails never reach X axis
				2 (8)
15)	Whi	ch one of the following is an examp	le of	a discrete variable
	A)	Age	B)	Weight
	C)	Number of children	D)	Family type
16)		hich of the following techniques doe an equal chance of being selected in		
	A)-	Paired sampling	B)	Random sampling
	C)	Cluster sampling	D)	Quota sampling
		pinomarch of sources in a lark-reve	S ALT	umikem tanganan di Terdito. Pe
17)	Whi	ch of the following is not the second	order	Factor of 16 Personality Factors
	A)	Extroversion Vs Introversion	B)	Subduedness Vs Independence
	C)	Low Anxeity Vs High Anxeity	D)	Humble Vs Assertive

18)	Wh	Which of the following is not one the B-Values listed by Maslow					
	A)	Autonomy	B)	Beauty			
	C)	Conscientiousness	D)	Truth			
19)		slow (1970) hypothesized, they molded"–whom did Maslow re		enculturated, less flattened out,			
	A)	Creative people					
	B)	People with high self esteem					
	C)	People whose need for belongi	ngness is	s not met			
	D)	Self actualized people					
20)		ich of the following is not an ension?	attribute	e of agreeableness personality			
	A)	Altruism	B)	Complexity			
	C)	Trust	D)	Modesty			
21)		adolescent adopting the manneris	sm, value	es and life style of a filmstar is an			
	A)	Projection	B) .	Introjections			
	C)	Rationalization	D)	Sublimation			
22)	Anti	idepressant drugs mainly raise the	e level of	which neurotransmitter			
	A)	Dopamine	B)	Epinephrine			
	C)	Norepinephrine	D)	Serotonin			
23)		ily sensations such as touch, proch area of the brain?	essure an	d temperature are controlled in			
	A)	Occipital lobe	B)	Temporal lobe			
	C)	Frontal lobe	D)	Parietal lobe			
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24) Research has indicated that egocentric blocking all contribute to diminished			y, gro	oup polarization and production—
	A)	Group decision-making	B)	Group cohesiveness
	C)	Organizational culture	D)	Group effectiveness
25)	Wh	o developed the managerial grid to u	nders	stand leadership style?
	A)	Lippit & White	B)	Blake & Mouton
	C)	Hersey & Blanchard	D)	Fiedler
26)		ich method of reliability stresses on is in a scale?	n the	intercorrelations among all the
	A)	Alternate form	B)	Split-half
	C)	Chronbach's alpha coefficient	D)	Test-retest
27)		ich additional component in Porter om's expectancy theory?	-Law	ler theory differentiates it fron
	A)	Equity	B)	Expectancy
	C)	Goals	D)	Effort
28)		cute of neurons and their connection ex is known as	ns tha	at is responsible for producing
	A)	Reflex action	B)	Reflex arc
	C)	Reflex chain	D)	Reflex potential
29)	Par	t of the brain responsible for wakefu	lness	and alert is
	A)	ARAS	B)	Brain stem
	C)	Medulla	D)	Pons

30)	Which one of the following is a negative symptom of Schizophrenia				
	A)	Auditory Hallucinations	B)	Visual Hallucinations	
	C)	Lack of emotional expression	D)	Delusions	
31)	Whi	ich of the following is located only v	withir	the central nervous system?	
	A)	Sensory	B)	Motor	
	C)	Relay interneurons	D)	Projection neurons	
32)		ich one of the following is the best erns of traits that go together?	statis	stical procedure used to identify	
	A)	Analysis of co - variance	B)	Correlation	
	C)	Factor analysis	D)	Regression analysis	
				interest by the value of the second	
33)		ch of the following coefficient indables	licate	strong correlation between two	
	A)	+0.08	B)	-0.18	
	C)	+ 0.73	D)	-0.93	
34)	Whi	ch of the following is not a criteria	for ju	dging a Psychological test	
	A)	Standardization	B)	Item type	
	C)	Reliability	D)	Validity	
				automigradi i simene mentu (10 telle). T	
35)	Whi	ch of the following is not a type of	stand	ard score	
	A)	Deviation IQ	B)	Z score	
	C)	t- ratio	D)	Sten score	
	C)	· · · · · · · · · · · · · · · · · · ·	Β)	Stell score	

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P.T.O.

36)	The	individual's capacity to acquire kno	wled	lge or skill in a particular area by
	trair	ning – is referred to		constitution of the contract of
	A)	Ability	B)	Intelligence
	C)	Interest	D)	Aptitude
37)	Whi	ich of the following is a constructive	type	e of projective technique
	A)	Draw-A-Person test		Ventural (A)
	B)	Rorschach Ink Blot		Storius, raine calaif. A design
	C)	TAT		
	D)	Rosenweig Picture - Frustration Te	est	ne velici egy for a de la A. Ce De General egy fil Pripare de la Ce
38)		reating people with problems like l apist's goal is to	Phob	ia and Addiction, the behaviou
	A)	Identify and treat the underlying ca	uses	of dysfunction
	B)	Improve learning and insight		
	C)	Improve communication		
	D)	Eliminate the unwanted behaviour		
39)	Whi	ich of the following is a technique of	f cou	nter conditioning
	A)	Aversive Conditioning	B)	Operant Conditioning
	C)	Sensitivity Training	D)	Contingency Contracting
40)	The	therapist who practices person- cen	tred-	therapy is more likely to
,	A)	Engage in free association		
	B)	Expose the client's resistance		
	C)	Restate and clarifies the client's sta	iteme	ents
	D)	Directly challenge the client's self-		
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41)	Categorising wolf to the dog family is because of the				
	A)	Low prototypicality	B)	Equitypicality	
	C)	High prototypicality	D)	Nature of resemblance	
42)		qualitative changes occurring in ing towards maturity is otherwise			
	A)	Development	B)	Growth	
	C)	Maturation	D)	Learning	
				in a faw account (%)	
43)	Whi	ch level of Scale has an absolute	zero at 1	the point of origin?	
	A)	Ordinal Scale	B)	Interval Scale	
	C)	Nominal Scale	D)	Ratio Scale	
				rescuent and respondent to the	
44)	sub	ensure that the influence of all rejects and does not change during ective of:			
	A)	Experimental Error	B)	Experimental Control	
	C)	Experimental Variables	D)	Sampling	
				and a secure of the right W. (182)	
45)	var	esearch study in a realistic situate iables are manipulated by the expeditions as the situation permit is k	erimen	ter under as carefully controlled	
	A)	A field experiment	B)	A situational experiment	
	C)	Laboratory experiment	D)	Observational study	
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46,	Interference that occurs when information that was learned previously interferes with learning new information is called			
	A)	Proactive interference	B)	Retroactive interference
	C)	Habit interference	D)	Memory interference
47)	The	e capacity of STM according to Geo	rge N	Miller is
	A)	5-8 units	B)	5-9 units
	C)	4-8 units	D)	3-7 units
48)		find your way around the campus wwill be using	hich	component of working memory
	A)	Phonological loop	B)	Visio-spatial sketch pad
	C)	Central executive	D)	Episodic buffer
		The second secon		est St. Hills key! I have
49)	The	brain area that act as a transmitter of	worki	ng memory to long term memory
	A)	Hippocampus	B)	Amegdala
	C)	Pre frontal cortex	D)	Temporal cortex
50)	Whi	ch of the following is not a barrier fo	or pro	blem solving
	A)	Mental set	B)	Functional fixedness
	C)	Heuristics	D)	Expertise
				addicates on an email congress

### PART - B

This Part shall contains five questions, each question carrying ten marks.  $[5 \times 10 = 50]$ 

- 1) Describe Treisman's attenuation theory. How does it deal with the fact that we are sometimes aware of messages that are presented to the unattended channel?
- 2) Discuss the features and challenges of Clinical assessment.
- 3) Discuss the merits and demerits of use of computers in data analysis.
- 4) Delineate the causes and management of childhood anxiety disorders.
- 5) Discuss the need for training and the methods used in the current organizational scenario.



### ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು

- 1. ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ಜೊತೆಗೆ 50 ಪ್ರಶ್ನೆಗಳನ್ನು ಹೊಂದಿರುವ ಮೊಹರು ಮಾಡಿದ ಪ್ರಶ್ನೆ ಮಸ್ತಕವನ್ನು ನಿಮಗೆ ನೀಡಲಾಗಿದೆ.
- 2. ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆ ಮಸ್ತಕವು, ನೀವು ಪರೀಕ್ಷೆಗೆ ಆಯ್ಕೆ ಮಾಡಿಕೊಂಡಿರುವ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದ್ದೇ ಎಂಬುದನ್ನು ಪರಿಶೀಲಿಸಿರಿ.
- 3. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಮೊಹರನ್ನು ಜಾಗ್ರತೆಯಿಂದ ತೆರೆಯಿರಿ ಮತ್ತು ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯಿಂದ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಹೊರಗೆ ತೆಗೆದು, ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಸಾಮಾನ್ಯ ಮಾಹಿತಿಯನ್ನು ತುಂಬಿರಿ. ಕೊಟ್ಟಿರುವ ಸೂಚನೆಯಂತೆ ನೀವು ನಮೂನೆಯಲ್ಲಿನ ವಿವರಗಳನ್ನು ತುಂಬಲು ವಿಫಲರಾದರೆ, ನಿಮ್ಮ ಉತ್ತರ ಹಾಳೆಯ ಮೌಲ್ಯಮಾಪನ ಸಮಯದಲ್ಲಿ ಉಂಟಾಗುವ ಪರಿಣಾಮಗಳಿಗೆ ವೈಯಕ್ತಿಕವಾಗಿ ನೀವೇ ಜವಾಬ್ದಾರರಾಗಿರುತ್ತೀರಿ.
- 4. ಪರೀಕ್ಷೆಯ ಸಮಯದಲ್ಲಿ:
  - a) ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಯನ್ನು ಜಾಗ್ರತೆಯಿಂದ ಓದಿರಿ.
  - b) ಪ್ರತಿ ಪ್ರಶ್ನೆಯ ಕೆಳಗೆ ನೀಡಿರುವ ನಾಲ್ಕು ಲಭ್ಯ ಆಯ್ಕೆಗಳಲ್ಲಿ ಅತ್ಯಂತ ಸರಿಯಾದ/ ಸೂಕ್ತವಾದ ಉತ್ತರವನ್ನು ನಿರ್ಧರಿಸಿ.
  - c) ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿನ ಸಂಬಂಧಿಸಿದ ಪ್ರಶ್ನೆಯ ವೃತ್ತಾಕಾರವನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ತುಂಬಿರಿ. ಉದಾಹರಣೆಗೆ, ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ 8ಕ್ಕೆ "C" ಸರಿಯಾದ ಉತ್ತರವಾಗಿದ್ದರೆ, ನೀಲಿ/ಕಷ್ಟು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಬಳಸಿ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ಕ್ರಮ ಸಂಖ್ಯೆ 8ರ ಮುಂದೆ ಈ ಕೆಳಗಿನಂತೆ ತುಂಬಿರಿ:
  - ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ 8. 🔘 🕲 🔘 (ಉದಾಹರಣೆ ಮಾತ್ರ) (ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಮಾತ್ರ ಉಪಯೋಗಿಸಿ)
- 5. ಉತ್ತರದ ಮಾರ್ವಸಿದ್ದತೆಯ ಬರವಣಿಗೆಯನ್ನು (ಚಿತ್ತು ಕೆಲಸ) ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಒದಗಿಸಿದ ಖಾಲಿ ಜಾಗದಲ್ಲಿ ಮಾತ್ರವೇ ಮಾಡಬೇಕು (ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮಾಡಬಾರದು).
- 6. ಒಂದು ನಿರ್ದಿಷ್ಟ ಪ್ರಶ್ನೆಗೆ ಒಂದಕ್ಕಿಂತ ಹೆಚ್ಚು ವೃತ್ತಾಕಾರವನ್ನು ಗುರುತಿಸಲಾಗಿದ್ದರೆ, ಅಂತಹ ಉತ್ತರವನ್ನು ತಮ್ಮ ಎಂದು ಪರಿಗಣಿಸಲಾಗುತ್ತದೆ ಮತ್ತು ಯಾವುದೇ ಅಂಕವನ್ನು ನೀಡಲಾಗುವುದಿಲ್ಲ. ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿನ ಉದಾಹರಣೆ ನೋಡಿ.
- 7. ಅಭ್ಯರ್ಥಿ ಮತ್ತು ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರು ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯ ಮೇಲೆ ಸಹಿ ಮಾಡಬೇಕು.
- 8. ಅಭ್ಯರ್ಥಿಯು ಪರೀಕ್ಷೆಯ ನಂತರ ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರಿಗೆ ಮೂಲ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಪ್ರತಿಯನ್ನು ಹಿಂದಿರುಗಿಸಬೇಕು.
- 9. ಅಭ್ಯರ್ಥಿಯ ಪ್ರಶ್ನೆ ಮಸ್ತಕವನ್ನು ಮತ್ತು ಓ.ಎಂ.ಆರ್. ಅಭ್ಯರ್ಥಿಯ ಪ್ರತಿಯನ್ನು ತಮ್ಮ ಜೊತೆ ತೆಗೆದುಕೊಂಡು ಹೋಗಬಹುದು.
- 10. ಕ್ಯಾಲ್ಕುಲೇಟರ್, ಪೇಜರ್ ಮತ್ತು ಮೊಬೈಲ್ ಘೋನ್'ಗಳನ್ನು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯ ಒಳಗೆ ಅನುಮತಿಸಲಾಗುವುದಿಲ್ಲ.
- 11. ಅಭ್ಯರ್ಥಿಯು ದುಷ್ಕೃತ್ಯದಲ್ಲಿ ತೊಡಗಿರುವುದು ಕಂಡುಬಂದರೆ, ಅಂತಹ ಅಭ್ಯರ್ಥಿಯನ್ನು ಕೋರ್ಸ್ಗೆ ಪರಿಗಣಿಸಲಾಗುವುದಿಲ್ಲ ಮತ್ತು ನಿಯಮಗಳ ಪ್ರಕಾರ ಇಂತಹ ಅಭ್ಯರ್ಥಿಯ ವಿರುದ್ಧ ಕ್ರಮ ಕೈಗೊಳ್ಳಲಾಗುವುದು. <u>ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯನ್ನು ತುಂಬಲು ಸೂಚನೆಗಳು</u>
- 1. ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಗೆ ಒಂದೇ ಒಂದು ಅತ್ಯಂತ ಸೂಕ್ತವಾದ/ಸರಿಯಾದ ಉತ್ತರವಿರುತ್ತದೆ.
- 2. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ ಒಂದು ವೃತ್ತವನ್ನು ಮಾತ್ರ ನೀಲಿ ಅಥವಾ ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ನಿನಿಂದ ಮಾತ್ರ ತುಂಬತಕ್ಕದ್ದು, ಉತ್ತರವನ್ನು ಮಾರ್ಪಡಿಸಲು ಪ್ರಯತ್ನಿಸಬೇಡಿ.
- 3. ವೃತ್ತದೊಳಗಿರುವ ಅಕ್ಷರವು ಕಾಣದಿರುವಂತೆ ವೃತ್ತವನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ತುಂಬುವುದು.
- 4. ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿ ಯಾವುದೇ ಅನಾವಶ್ಯಕ ಗುರುತುಗಳನ್ನು ಮಾಡಬೇಡಿ.

Note: English version of the instructions is printed on the front cover of this booklet.

