

UNIVERSITY OF MYSORE

Ph.D. Entrance Examination, November - 2020

SUBJECT CODE : 3 1

Entrance Reg. No.

QUESTION BOOKLET NO.

503792

QUESTION BOOKLET

(Read carefully the instructions given in the Question Booklet)

SUBJECT:

GENETICS

MAXIMUM MARKS: 100 MAXIMUM TIME: THREE HOURS

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

INSTRUCTIONS TO THE CANDIDATES

- 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.
- 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:
 - 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 Sl. 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.
- 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 ಆವೃತ್ತಿಯು ಈ ಮಸ್ತಕದ ಹಿಂಭಾಗದಲ್ಲಿ ಮುದ್ರಿಸಲ್ಪಟ್ಟಿದೆ.



PART - A

	HART-A			
I.	This part shall contains 50 multipeach question carrying one mark.	ole cho	oice/objective ty	ype questions, $[50 \times 1 = 50]$
1)	The genetic code is believed to be very	y ancie	nt because:	
	(A) it had to exist before the proteins	for the	e first cell could l	be formed
	(B) amino acids must have a templat	e in or	der to form pepti	de bonds
	(C) it is universal			
	(D) all of the above			
2)	A diploid somatic cell:			
	(A) cannot undergo division again			
	(B) can undergo mitosis but not meio	osis		
	(C) can undergo mitosis and meiosis			
	(D) can undergo meiosis but not mito	osis		
3)	During differentiation, cells with the sa	me DN	A.	
	(A) develop similarly			
	(B) divide at equal rate			
	(C) contain different genes			
	(D) transcribe different genes			
4)	Non translated DNA segments in generation	s are ca	illed	
	(A) exons	(B)	introns	
	(C) prions	(D)	neutrons	
5)	The tRNA contains a specific trinucleo	otide se	quence called	
,	(A) tricodon	(B)	trinucleotide	
	(C) anticodon	(D)	codon	
		(2)	- 500	

6)	A re	verse-transcriptase is:		
	(A)	RNA-directed DNA polymerase		
	(B)	DNA-directed DNA polymerase		
	(C)	Protein-directed RNA polymerase		
	(D)	none of the above		
7)	The	new okazaki fragment is joined to th	e lag	ging strand by the enzyme:
	(A)	DNA polymerase	(B)	RNA polymerase
	(C)	Protease	(D)	DNA ligase
8)	Stru	cture of DNA was discovered by		
	(A)	Watson, Crick and Khorana	(B)	Watson, Crick and Gilbert
	(C)	Watson, Crick and Nirenberg	(D)	Watson, Crick and Wilkins
9)	mR	NA is synthesised by:		
	(A)	DNA directed RNA polymerase		
	(B)	RNA directed RNA polymerase		
	(C)	reverse transcriptase		
	(D)	taq polymerase		
10)	The	completion of the polypeptide chair	is si	gnalled by:
	(A)	initiation codon	(B)	elongation codon
	(C)	termination codon	(D)	releasing factor

-3-

M-5275

P.T.O.

11)	Ultraviolet damage results in the formation of:				
	(A)	uracil tetramer	(B)	adenine dimer	
	(C)	thymine dimer	(D)	thyminehexamer	
12)	An individual is classified in AB blood group if he/she has the following antibout in the blood plasma:				
	(A)	anti-A	(B)	anti-B	
	(C)	neither	(D)	anti-A and anti-B	
13)	In C	Cell cycle "S" stands for			
	(A)	standard phase	(B)	simple phase	
	(C)	synthetic phase	(D)	none of the above	
14)	Son	ne bacteria contain small circular DN	A mo	olecules called	
	(A)	Plasmids	(B)	Prion	
	(C)	Genome	(D)	None of the above	
15)	The	DNA can be transferred into bacter	ia by		
		transformation		conjugation	
	(C)	transduction		all of the above	
16)	Nuc	leic acid contains			
	(A)	carbon, hydrogen, oxygen, nitroge	n and	d phosphorous	
	(B)	carbon, hydrogen, oxygen, nitroge			
	(C)	carbon, hydrogen, oxygen, nitroge			
	(D)	carbon, hydrogen, oxygen and nitr			
17)	Mito	ochondria			
	(A)		(B)	is the power house of the cel	
	(C)	contain electron transport chain	(D)	all of the above	

18)	Barr	body production is due to		
	(A)	condensation	(B)	replication
	(C)	lyonisation	(D)	supercoiling
19)	Gen	omic imprinting means		
,	(A)	differential expression of genes inh	nerite	d from sex chromosomes
		gene expression in an individual fro		
		differential expression of a gene in		
		genetic defect due to transposans		
				er doring the same of the same
20)		roto oncogene may be activated b CEPT	y any	of the following mechanisms
	(A)	chromosome rearrangement	(B)	point mutation
	(C)	deletion	(D)	amplification
21)	The is	most common genetic change that	occui	rs in the development of tumors
	(A)	activation of c-myc gene by somat	ic mu	tation
	(B)	activation of c-myc gene by chrom	osom	ne rearrangement
	(C)	inherited inactivation or loss of the	p53 g	gene
	(D)	inactivation or loss of the p53 gene	by s	omatic mutation
22)	Whi true	ch one of the following statements?	abou	t normal phenotypic variation is
	(A)	most normal characters in boys are characters in girls are inherited from		
	(B)	the genes involved are the same in	all po	pulations
	(C)	environmental factors play a role		
	(D)	most normal characters such as autosomal recessive traits	eye o	or hair color are transmitted as

23)) The number of hydrogen bonds between the two strands of the dup oligonuceotide illustrated below is			he two strands of the duplex	
	AG	CTC			
	TCC	GAG			
	(A)	7	(B)		10
	(C)	11	(D)		13
24)) Major events of early mammalian embryogenesis include				
	(A)	establishment of clonal cell lineage	s wit	h	predetermined fates
	(B)	segmentation			
	(C)	amplification of preformed materna	ıl mR	N.	NA
	(D)	activation of proto-oncogenes			
25)	Gen	etic polymorphisms are clinically im	porta	aı	nt because
	(A)	they can be used as genetic marker	s in f	a	mily studies
	(B)	they often cause chromosome rearr	ange	en	nents
	(C)	they usually cause disease when ho	moz	у	gous
	(D)	they are valuable vectors in genetic	thera	aj	py
26)	Proper initiation of transcription in prokaryotes requires all of the followin factors except			es requires all of the following	
	(A)	DNA melting	(B)		DNA template
	(C)	Promotors	(D)		Rho factor
27)	Whi	ch of the following statements best d	escri	b	es genetic polymorphisms?
	(A)	they usually alter protein structure and	nd fu	n	ction
	(B)	they allow tissues from identical twi	ns to	d	istinguished
	(C)	they reflect alterations of DNA sequ	ence		
	(D)	they are usually apparent on careful	ohysi	ic	al examination

M-5275 -6-

- 28) Which of the following statements regarding multifactorial congenital anomalies is true?
 - (A) defects typically occur with other embryologically unrelated malformations in affected patients
 - (B) defects usually have a characteristic appearance that distinguishes them from similar defects due to other causes
 - (C) concordance for defects is similar in monozygotic and dizygotic twins
 - (D) recurrencerisk for defects is similar in the siblings and children of an affected patient
- 29) In eukaryotes, DNA is best differentiated from RNA in that DNA (but not RNA) has which of the following characters?
 - (A) It is confined to the nucleus
 - (B) It is double stranded
 - (C) It contains a deoxyribosyl group rather than a ribosyl group
 - (D) It requires a DNA template for synthesis
- **30)** X chromosome inactivation in females is best described by which one of the following statements?
 - (A) it involves all genes on the X chromosome
 - (B) it occurs during adolescence
 - (C) it is associated with demethylation of the affected chromosome
 - (D) it produces dosage compensation for x-linked genes
- 31) Genetic imprinting is best described by which one of the following statements?
 - (A) it produces differential expression of genes depending on whether they were inherited from father or mother
 - (B) it affects most genes except those on sex chromosomes
 - (C) it occurs only in female gametes
 - (D) it is reversed or removed when a cell passes mitosis
- 32) The Falconi pancytopenia syndrome and Bloom syndrome are autosomal recessive conditions in which there is an increased risk of developing malignancy. Cytogenetically, both syndromes are associated with
 - (A) triploidy

(B) trisomies

(C) monosomy

(D) chromosome breakage

33)	Indirect DNA diagnosis is useful only for which one of the following situations'						
	(A)	A) diseases caused by dynamic mutations					
	(B)	diseases that have considerable alle	elic he	eterogeneity			
	(C)	within populations that exhibit linkage disequilibrium					
	(D)	within families that have multiple a for closely linked markers	iffect	ed members who are informative			
34)	Ant	icipation is characteristic of condition	ons ca	aused by			
	(A)	microdeletions	(B)	mitochondrial inheritance			
	(C)	genomic imprinting	(D)	trinucleotide triplet expansions			
35)	Uni	parentaldisomy is best described by	whic	h of the following statements?			
	(A)	it occurs when both chromosomes same parent	in a p	pair have been inherited from the			
	(B)	it means that all the chromosomes from the same parent	in a	diploid set have been inherited			
	(C)	it usually is inherited from mother i	n Do	wn syndrome			
	(D)	it is most common cause of triploid	dy				
36)	Link	kage between two loci is considered	likely	y if the lod score is			
	(A)	lower than - 2 at a recombination d	istan	ce of less than 50 cM			
	(B)	lower than - 2 at a recombination d	istan	ce of more than 50 cM			
	(C)	higher than + 3 at a recombination	dista	nce of less than 50 cM			
	(D)	higher than + 3 at a recombination	dista	nce of more than 50 cM			
37)		t nuclear DNA in humans consists o lences?	f whi	ch one of the following types of			
	(A)	unique sequences	(B)	repetitive sequences			
	(C)	introns	(D)	exons			
M-5	275	-8-					

38)	DNA	DNA banking is particularly useful when				
	(A) a specific disease mutation is known to exist within a family					
	(B)	a child has been shown to have a ge mutation	netic	disease due to a new dominant		
	(C)	the gene for a particular disease in a but its pattern of inheritance is clear	a fan	nily has not yet been identified,		
	(D)	a family is known to be segregating	a bal	anced translocation		
39)	Ethn	ic differences in a disease frequenci	es are	e most apparent for		
	(A)	autosomal dominant conditions	(B)	autosomal recessive conditions		
	(C)	x-linked recessive conditions	(D)	autosomal trisomies		
40)	Wha	at is the ratio of absorbance of UV lig	ght b	y pure DNA at 260 and 280nm		
	(A)		(B)			
	(C)	1.8	(D)	4.6		
41)	The	Hardy-Weinberg law is based on all	of th	e following assumptions except		
,		(A) mating within the population is completely random				
		the genes involved are autosomal de				
		there is no mutation occurring at th				
		there is no selection for or against a				
	(D)	there is no serven zer er again		C		
42)	The	Human genome Project was done b	etwe	en		
	(A)	1990-2003	(B)	2003-2020		
	(C)	1980-1990	(D)	1983-1993		
43)	Am	nutation in a codon leads to the substi-	tutio	n of one amino acid with another.		
		at is the name for this type of mutati				
	(A)	nonsense mutation	(B)	missense mutation		
	(C)	frameshift mutation	(D)	promoter mutation		
				Р.Т.О.		

-9-

M-5275

44)	Duc	Duchenne Muscular dystrophy is inherited in		
	(A)	Autosomal dominant fashion	(B)	Autosomal recessive fashion
	(C)	X linked fashion	(D)	Maternal inheritance
45)	Sing	gle nucleotide Polymorphism is defin	ned as	S
	(A)	Any variant which is in excess of 1	% of	general population
	(B)	Any variant which is in excess of 0	.1%	of general population
	(C)	Any variant which is in excess of 5	% of	general population
	(D)	Any variant which is in excess of 0	.5%	of general population
46)	Para	ametric LOD scores are used in		
	(A)	Multifactorial disorders	(B)	Mendelian disorders
	(C)	Mitochondrial disorders	(D)	Imprinting disorders
47)	The	stage of meiosis in which chromoso	omes	pair and cross over is:
	(A)	prophase I	(B)	metaphase I
	(C)	prophase II	(D)	metaphase II
48)	Orig	gin of Species by means of Natural S	Select	tion was proposed by
	(A)	Darwin	(B)	Lamarck
	(C)	Mendel	(D)	de Vries
49)	NG	S is used in		
	(A)	Clinical exome analysis	(B)	Whole exome analysis
	(C)	Whole genome analysis	(D)	All of the above
50)	The	following technique can be used for	the c	letection of RNAVirus infection
	(A)	PCR technique	(B)	RFLP technique
	(C)	RT-PCR technique	(D)	FISH analysis

-10-

M-5275

PART - B

- II. This part shall contains five questions, each question carrying ten marks. $[5 \times 10 = 50]$
- 1) Explain the applications of Next Generation Sequencing.
- 2) Elaborate on Mendelian Inheritance in Man.
- 3) What is molecular phylogenetics? Write a note on Human Phylogeny.
- 4) Explain molecular basis of sex determination and dosage compensation.
- 5) Give an account of molecular mechanisms of apoptosis and aging.



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/ಕಮ್ಮ 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 ಪೂರ್ವಸಿದ್ದತೆಯ 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. ಅಭ್ಯರ್ಥಿಯು 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. ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯನ್ನು ತುಂಬಲು ಸೂಚನೆಗಳು
- 1. ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಗೆ ಒಂದೇ ಒಂದು ಅತ್ಯಂತ ಸೂಕ್ರವಾದ/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.

