

ٹیسٹ سے پہلے کم از کم تین بار درود شریف پڑھ لیں

Student Name	Roll No:	Date: / /
سوچ بدلیں، معاشرہ بدلیں	Class 2nd Year	Ch#22
T- Marks - 40	Subject: Biology	Time: 35 - M
ٹیسٹ سے پہلے کم از کم تین بار درود شریف پڑھ لیں		
Q#1	Encircle the Correct Option	10X1=10

1. A man with blood group AB cannot be the father of son who blood group is?

a O	b AB	c B	d A
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2. The universal donor group is?

a A	b B	c AB	d O
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3. Incomplete dominance was discovered by.

a Devries	b Johanson	c Carlcorners	d Tcharmach
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4. The best example of inheritance of multiples alleles is?

a MN blood group	b B blood group	c RH blood type	d ABO blood group
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5. What happens when both alleles of a gene pair independently express in a heterozygote ?

a dominance	b 3 incomplete dominance	c Over dominance	d codominance
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6. How many gene pairs contribute to wheat grain colour?

a One	b Two	c Three	d Four
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7. Which trait is transmitted directly from an affected father to only his son?

a Autosomal	b X-linked	c Y-linked	d None
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8. Which plant is used by Mendel to perform his experiment.

a Pea	b Peanut	c Pear	d Peach
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9. Locus is the position of the gene on?

a DNA	b Alleles	c Chromosomes	d None
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10. Incomplete dominance is also called?

a Partial dominance	b Co dominance	c Dominant	d None of these
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Q # 2

Short Questions

2x10 = 20

1. Differentiate between gene and alleles?
2. What is locus?
3. Define gene pool?
4. State Mendel's law of segregation?
5. Differentiate between incomplete dominance and codominance?
6. Can a child have more intelligence (IQ score) than his parent?
7. What are multiple alleles?
8. Define antiserum?
9. What do you know about sex-influenced traits?
10. Define Erythroblastosis foetalis?

Q # 3

Long Questions

2 X 5 = 10

1. What are X-linked traits? Describe genetics of color blindness?
2. What is RH factor? Describe genetics basis of RH blood group system of man?