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- C
- F
- C
- Y
- T
- T

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2
a.
b.
c.

a)

b)

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4
5
6
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2. [6
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- a.
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- c.
- d.

a)

d)

3. [6 M
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- a.
- b.

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$$3$$
$$4$$

a)

b)

4

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10

6. [6 Marks]

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- b. are t
alwa
- c. are t

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b)
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c)

7.

a

b)

c)

8.

a

b

c

9.

Marks] Consid

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Calculate th

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$P(x \geq 2$

b)

10. [6 Mar
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a)

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11. [9 Marks
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- a. Doc
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- b. Ho
to v
- c. Cal

a) H
H
Z

S
T

b) J
E

c) 

$$P_c = .24$$
$$\underline{\underline{\$.30}}$$

12. [9 Ma
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a.

b.

a)

b)

8

13. [7 Marks]
local bore
motorists
and noon

F

Is there a
two time

$H_0: \mu$

$H_a: \mu$

$$t^* = \frac{\bar{d} - \mu_0}{\frac{s}{\sqrt{n}}}$$

$$= \frac{7.2}{\frac{4.5}{\sqrt{40}}}$$

$$t^* = 2.52$$

Since

there is

time

14. [7 Marks] C.
casino is a f
(use $\alpha = 0.0$)

$H_0:$

$H_a:$

$\chi^2 =$

=

$\chi^2 =$

Since

re