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School of Business
Bachelor of Business Administration
Mid Term Examination - Mar 2024

Duration : 90 Minutes
Max Marks : 50

Sem VI - D1UF603T - Python Programming

General Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Explain key words of conditional logic with the help of an example. K4 (4)
- 2) Write code to generate random integer between 1 and 100. K5 (5)
- 3) Write code to convert degrees celsius to fahrenheit where
deg_fahrenheit = 9.0/5.0 * deg_celsius + 32
Use dot format method to take output. K5 (5)
- 4) What does python syntax look like? Give examples. K3 (6)
- 5) Discuss output for following: K4 (8)
x = 17
y = 5
print(x / y) # true division
print(x // y) # floor division
print(x % y) # modulus
- 6) Suppose that you are promised a payment of rupees 2000 in 5 years K5 (10)
time. Assuming a compound interest *rate* of 3.5% what is the present
value (PV) of this future value (FV)?
Formula: $PV = FV / (1 + rate)^n$
Create a reusable function for different FV, rate and n.
- 7) Write a program that prints the numbers 1 to 100. For multiple of 7 K6 (12)
print "good", For multiples of 11 print "morning", and for multiples of 7
and 11 print "goodmorning".