



DR. VISHWANATH D. KARAD
MIT WORLD PEACE UNIVERSITY, PUNE
WPU SCHOOL OF BUSINESS
Programme Name: FY BBA IB

B

Semester: Second

Course Name: Business Statistics

Course Code: BBA 10060

Max Marks: 30

Duration: 1 Hours

Date- 03/03/2025

General Instructions:

- All rough work should be done in the answer script. Do not write or scribble on the question paper except for your registration number.
- Ensure your mobile phone is switched off and placed at the designated place in the hall.
- Malpractices will be viewed very seriously.
- Answers should be written in the answer booklet on both sides of the paper. No sheets should be detached from the answer booklet...

Course Outcome(s):

CO 1: To understand the basic concepts of statistics useful in decision-making

CO 2: To apply the basic statistical tools for decision-making

Q.No.	Description	Marks	CO	PO	RB TL																																																		
1.	The data below represents the number of accidents reported on the Pune-Mumbai Expressway on a weekly basis. The road safety department wants to analyze the average number of accidents using arithmetic average, positional average, and famous value. Also they want to analyze the range and quartile deviation of weekly accidents. As as consultant you are required to calculate these measures. 32 47 41 51 41 30 39 18 48 53 54 32 31 46 15	20	CO1, CO2																																																				
2	The data below represents the number of runs scored by Virat Kohli in 50 innings of the ODI in a year. With the help of continuous class intervals, prepare the frequency distribution for the given data. Also, calculate the more than and less than type cumulative frequency. <table><tr><td>41</td><td>53</td><td>48</td><td>21</td><td>28</td><td>49</td><td>42</td><td>36</td><td>41</td><td>29</td></tr><tr><td>30</td><td>33</td><td>37</td><td>35</td><td>29</td><td>37</td><td>38</td><td>40</td><td>32</td><td>49</td></tr><tr><td>43</td><td>32</td><td>24</td><td>38</td><td>38</td><td>22</td><td>41</td><td>50</td><td>17</td><td>46</td></tr><tr><td>46</td><td>50</td><td>26</td><td>15</td><td>23</td><td>42</td><td>25</td><td>52</td><td>38</td><td>46</td></tr><tr><td>41</td><td>38</td><td>40</td><td>37</td><td>40</td><td>48</td><td>45</td><td>30</td><td>28</td><td>31</td></tr></table>	41	53	48	21	28	49	42	36	41	29	30	33	37	35	29	37	38	40	32	49	43	32	24	38	38	22	41	50	17	46	46	50	26	15	23	42	25	52	38	46	41	38	40	37	40	48	45	30	28	31	5	CO1, CO2		
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3 (a)	Discuss Systematic Sampling with an example	5	CO1																																																				
	(OR)																																																						
3 (b)	Discuss the role of statistics in industry.	5	CO1																																																				

Revised Bloom's Taxonomy (RBT) Levels:

L1 – Remembering	L2 – Understanding	L3 – Applying
L4 – Analyzing	L5 – Evaluating	L6 – Creating

END OF THE QUESTION PAPER